

## RESULT 448

US-10-156-306-520/c  
; Sequence 520, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 520  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-520

Query Match 1.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
Db 17 AAAAAAAAAAAGAA 2

## RESULT 449

US-09-800-629A-21/c  
; Sequence 21, Application US/09800629A  
; Patent No. US20020128216A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Karras, James G  
; APPLICANT: McKay, Robert  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL  
; TITLE OF INVENTION: TRANSDUCTION  
; FILE REFERENCE: ISPH-0537  
; CURRENT APPLICATION NUMBER: US/09/800,629A  
; CURRENT FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: PCT/US00/07318  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: 09/280,799  
; PRIOR FILING DATE: 1999-03-26  
; NUMBER OF SEQ ID NOS: 210  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-800-629A-21

Query Match 1.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 992 TGGAGTCTGAGGCTG 1007  
|||||  
Db 18 TGGAGGCTGAGGCTG 3

## RESULT 450

US-09-791-406-30  
; Sequence 30, Application US/09791406  
; Patent No. US20020147165A1  
; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett  
; APPLICANT: Robert Rothlein  
; APPLICANT: Takashi Keli Kishimoto  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
; FILE REFERENCE: RTS-0097  
; CURRENT APPLICATION NUMBER: US/09/791,406  
; CURRENT FILING DATE: 2001-02-22  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 30  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-791-406-30

Query Match 1.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 342 CTTGGTCCAGCGCCA 357  
|||||  
Db 4 CTTGGTCCAGCGCCA 19

## RESULT 451

US-09-948-002-51/c  
; Sequence 51, Application US/09948002  
; Publication No. US2003050285A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Susan F. Murray  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH  
; TITLE OF INVENTION: FACTOR BETA EXPRESSION  
; FILE REFERENCE: ISPH-0607  
; CURRENT APPLICATION NUMBER: US/09/948,002  
; CURRENT FILING DATE: 2000-09-05  
; PRIOR APPLICATION NUMBER: 09/661,753  
; PRIOR FILING DATE: 2000-09-14  
; PRIOR APPLICATION NUMBER: 60/154,546  
; PRIOR FILING DATE: 1999-09-17  
; NUMBER OF SEQ ID NOS: 71  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-948-002-51

Query Match 1.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 566 GGGATCCTCGCTGCT 581  
|||||  
Db 20 GGGATCCTCGCTGCT 5

## RESULT 452

US-10-367-169-37/c  
; Sequence 37, Application US/10367169  
; Publication No. US20030228660A1  
; GENERAL INFORMATION:  
; APPLICANT: Gray, Jeff  
; APPLICANT: Buechler, Joe  
; APPLICANT: Veeramallu, Uday Kumar  
; TITLE OF INVENTION: EUKARYOTIC SIGNAL SEQUENCES FOR POLYPEPTIDE EXPRESSION AND POLYP  
; TITLE OF INVENTION: DISPLAY LIBRARIES  
; FILE REFERENCE: 11055US02  
; CURRENT APPLICATION NUMBER: US/10/367,169  
; CURRENT FILING DATE: 2003-02-13

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; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-39

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      1 GGAGTGGGTACAGT 16

RESULT 445
US-10-209-787-40/c
; Sequence 40, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      17 GGAGTGGGTACAGT 2

RESULT 446
US-10-209-787-43
; Sequence 43, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      17 GGAGTGGGTACAGT 2

RESULT 447
US-10-209-787-44/c
; Sequence 44, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-44

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      16 GGAGTGGGTACAGT 1

RESULT 448
US-10-209-787-45/c
; Sequence 45, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-45
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; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: M8H00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-389

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGCTGC 151
Db 16 CTGCTTGGGGCTGC 1

RESULT 441
US-10-338-777-196
; Sequence 196, Application US/10338777
; Publication No. US2003018343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 196
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-196

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1081 ATTAAAAA 1096
Db 2 ATCAAAAAA 17

RESULT 442
US-10-209-787-35
; Sequence 35, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2000-03-27
; FILE REFERENCE: Napro-4
; ORGANISM: Homo sapiens
US-10-209-787-35

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1081 ATTAAAAA 1096
Db 2 ATCAAAAAA 17

RESULT 443
US-10-209-787-36/c
; Sequence 36, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-36

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 444
US-10-209-787-39
; Sequence 39, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2000-03-27
; FILE REFERENCE: Napro-4
; ORGANISM: Homo sapiens
US-10-209-787-39

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2
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; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-35

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 1 GGAGTGGGTACAGT 16

RESULT 443
US-10-209-787-36/c
; Sequence 36, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-36

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 444
US-10-209-787-39
; Sequence 39, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2000-03-27
; FILE REFERENCE: Napro-4
; ORGANISM: Homo sapiens
US-10-209-787-39

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2
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; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 437
US-09-818-875-43
; Sequence 43, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampert, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-43

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 2 GGAGTGGGTACAGT 17

RESULT 438
US-09-818-875-44/c
; Sequence 44, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampert, Howard B.
; APPLICANT: Rice, Michael C.
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; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-44

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 16 GGAGTGGGTACAGT 1

RESULT 439
US-09-792-818-388/c
; Sequence 388, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and reagent for the inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-388

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTGGGGCTGC 151
Db 17 CTGCTTGGGGCTGC 2

RESULT 440
US-09-792-818-389/c
; Sequence 389, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
```



```
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1972
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1188486)..(1188501)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectionObjectNumber = 2517
US-10-287-919-1972

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 16;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1077 AACTATTAAAGAAAA 1092
Db 1 AACTATTAAAGAAAA 16

RESULT 433
US-09-818-875-35
; Sequence 35, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-35

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 434
US-09-818-875-36/c
; Sequence 36, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-36

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 435
US-09-818-875-39
; Sequence 39, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-39

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 436
US-09-818-875-40/c
; Sequence 40, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
```

```
Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      649 AACCGAGTGTCTCATGC 666
Db      1 AACCGAGTGTCTCTTGC 18

RESULT 428
US-10-159-901-10
; Sequence 10, Application US/10159901
; Publication No. US20030073235A1
; GENERAL INFORMATION:
; APPLICANT: LAGRIAS, JOHN
; APPLICANT: KOICHI, TAKAYUKI
; APPLICANT: FRANKENBERG, NICOLE
; APPLICANT: GAMBETTA, GREGORY
; APPLICANT: MONTGOMERY, BERONDA
; TITLE OF INVENTION: LIGHT CONTROLLED GENE EXPRESSION UTILIZING HETEROLOGOUS PHYTOCHROME
; FILE REFERENCE: 407T-907731US
; CURRENT APPLICATION NUMBER: US/10/159,901
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/294,463
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-10-159-901-10

Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      309 CATGGGAAAGACTGCAGA 326
Db      2 CATGGGAAAGCTGCAAA 19

RESULT 429
US-10-001-844-26/c
; Sequence 26, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-26

Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      461 GGAAGAGCTCCAGGAAC 478
Db      19 GGAAGATCTCCAGGAAC 2
```

```
RESULT 430
US-09-853-386-145/c
; Sequence 145, Application US/09853386
; Patent No. US20020049151A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Evelyn
; APPLICANT: Bresnahan, Barry
; APPLICANT: Conneely, Orla
; APPLICANT: Fitzgerald, Oliver
; TITLE OF INVENTION: Therapeutic Approaches to Diseases by Suppression of the NURR
; TITLE OF INVENTION: Subfamily of Nuclear Transcription Factors
; FILE REFERENCE: P01972US1
; CURRENT APPLICATION NUMBER: US/09/853,386
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/203645
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
; LENGTH: 21
; TYPE: DNA
; ORGANISM: HUMAN
US-09-853-386-145

Query Match      1.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      983 CTCAGCCCTTGGAGTCT 1000
Db      21 CTCAGCCCTTGGATTCT 4

RESULT 431
US-10-287-919-872
; Sequence 872, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 872
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (378794)...(378810)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 10;
US-10-287-919-872

Query Match      1.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1077 AACTATTAAAAAAA 1092
Db      1 AACTATTAAAGAAAA 16

RESULT 432
US-10-287-919-1972
; Sequence 1972, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
```

QY 510 GCCAGTTTGGCATTGGG 527  
DB 1 GCAAGTTTGGCTTTGGG 18

RESULT 424  
US-09-870-406A-10  
; Sequence 10, Application US/09870406A  
; Publication No. US20030104379A1  
; GENERAL INFORMATION:  
; APPLICANT: LAGARIAS, JOHN  
; APPLICANT: KOICHI, TAKAYUKI  
; APPLICANT: FRANKENBERG, NICOLE  
; APPLICANT: GAMBETTA, GREGORY  
; APPLICANT: MONTGOMERY, BERONDA  
; TITLE OF INVENTION: HY2 FAMILY OF BILIN REDUCTASES  
; FILE REFERENCE: 407T-907720US  
; CURRENT APPLICATION NUMBER: US/09/870,406A  
; CURRENT FILING DATE: 2002-09-04  
; PRIOR APPLICATION NUMBER: 60/271,758  
; PRIOR FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/210,286  
; PRIOR FILING DATE: 2000-06-08  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 10  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-870-406A-10

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 309 CATGGGAAGACTGCAGA 326  
DB 2 CATGGGAAGTCTGCAA 19

RESULT 425  
US-09-941-193A-63  
; Sequence 63, Application US/09941193A  
; Publication No. US20030108873A1  
; GENERAL INFORMATION:  
; APPLICANT: BROW, MARY ANN D.  
; APPLICANT: OLIVE, DAVID M.  
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS  
; NUMBER OF SEQUENCES: 165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: MEDLEN & CARROLL  
; STREET: 220 MONTGOMERY STREET, SUITE 2200  
; CITY: SAN FRANCISCO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES OF AMERICA  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/941,193A  
; FILING DATE: 28-Aug-2001  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CARROLL, PETER G.  
; REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 63:  
US-09-941-193A-63

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527  
DB 1 GCAAGTTTGGCTTTGGG 18

RESULT 426  
US-10-167-034-71/c  
; Sequence 71, Application US/10167034  
; Publication No. US20030228690A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION  
; FILE REFERENCE: PTS-0003  
; CURRENT APPLICATION NUMBER: US/10/167,034  
; CURRENT FILING DATE: 2002-06-10  
; NUMBER OF SEQ ID NOS: 142  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-167-034-71

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 649 AACCGAGTGTTCTCATGC 666  
DB 20 AACCGAGTGCTCTTGC 3

RESULT 427  
US-10-167-034-135  
; Sequence 135, Application US/10167034  
; Publication No. US20030228690A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION  
; FILE REFERENCE: PTS-0003  
; CURRENT APPLICATION NUMBER: US/10/167,034  
; CURRENT FILING DATE: 2002-06-10  
; NUMBER OF SEQ ID NOS: 142  
; SEQ ID NO 135  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-167-034-135

QY 1083 TAAAAA... 1100  
Db 1 UAAAAA... 18

RESULT 421  
US-09-416-384A-17/c  
; Sequence 17, Application US/09416384A  
; Patent No. US20020081584A1  
; GENERAL INFORMATION:  
; APPLICANT: BLUMENFELD, Marta  
; APPLICANT: BOUGUELERET, Lydie  
; APPLICANT: CHUMAKOV, Ilya  
; APPLICANT: COHEN, Daniel  
; APPLICANT: ESSIOUX, Laurent  
; TITLE OF INVENTION: Genes, proteins and biallelic markers related to central...  
; FILE REFERENCE: GENSET.045AUS  
; CURRENT FILING DATE: 1999-10-12  
; PRIOR APPLICATION NUMBER: US/09/416,384A  
; PRIOR FILING DATE: 1999-10-30  
; PRIOR APPLICATION NUMBER: 60/103,955  
; PRIOR FILING DATE: 1998-10-12  
; PRIOR APPLICATION NUMBER: 60/132,277  
; PRIOR FILING DATE: 1999-05-03  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: Patent.pm  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide SG1polyA  
US-09-416-384A-17

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e-02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAAAA... 1096  
Db 18 CTGTCAAAAA... 1

RESULT 422  
US-09-860-761-1  
; Sequence 1, Application US/09860761  
; Publication No. US20030027775A1  
; GENERAL INFORMATION:  
; APPLICANT: Wallace, R. Bruce  
; TITLE OF INVENTION: Method of Detecting and Discriminating Between Nucleic Acid Sequences  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: City of Hope  
; STREET: 1500 East Duarte Road  
; CITY: Duarte  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 91010-0269  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3M High Density 3 1/2" diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS-DOS (R) Version 3.30  
; SOFTWARE: Microsoft (R)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/860,761  
; FILING DATE: 21-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/193,039B  
; FILING DATE: 04 February 1994

ATTORNEY/AGENT INFORMATION:  
NAME: E. Anthony Figg  
REGISTRATION NUMBER: 27,195  
REFERENCE/DOCKET NUMBER: 2124-108  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 783-6040  
TELEFAX: (202) 783-6031  
TELEX: No. US20030027775A1e  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleotide  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-860-761-1  
Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTGGCATTGGG 527  
Db 1 GCAAGTTGGCTTTGGG 18

RESULT 423  
US-09-940-925A-63  
; Sequence 63, Application US/09940925A  
; Publication No. US20030054338A1  
; GENERAL INFORMATION:  
; APPLICANT: BROW, MARY ANN D.  
; OLIVE, DAVID M.  
; LYAMICHEV, VICTOR I.  
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS  
; NUMBER OF SEQUENCES: 165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MEDLEN & CARROLL  
; STREET: 220 MONTGOMERY STREET, SUITE 2200  
; CITY: SAN FRANCISCO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES OF AMERICA  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/940,925A  
; FILING DATE: 10-Jun-2002  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CARROLL, PETER G.  
; REGISTRATION NUMBER: 32,837  
; REFERENCE/DOCKET NUMBER: FORS-01756  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 397-8338  
; INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 63:  
US-09-940-925A-63  
Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



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; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-2

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 414
US-10-164-915-1
; Sequence 1, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optical
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
US-10-164-915-1

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 415
US-09-864-636A-2510/c
; Sequence 2510, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; FILE REFERENCE: FORS-04944
```

```
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2510
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2510

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 18 AGAAGTGTGAGCGCA 4

RESULT 416
US-10-374-686-3
; Sequence 3, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-3

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 2 AAAAAAAAAAAAAA 16

RESULT 417
US-10-084-839-2510/c
; Sequence 2510, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
```

```
; APPLICATION NUMBER: US/10/146,474
; FILING DATE: 14-MAY-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-146-474-17

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 15 AAAAAAAAAAAAAA 1

RESULT 410
US-10-156-306-525/C
; Sequence 525, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-gamma and PKR
; FILE REFERENCE: MBH01-564-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-525

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAAA 1096
DB 15 TTAATAAAAAAAAAAA 1

RESULT 411
US-09-904-744-1
; Sequence 1, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
```

```
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-1

Query Match 1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 4 AAAAAAAAAAAAAA 18

RESULT 412
US-09-904-744-2/C
; Sequence 2, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-2

Query Match 1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 18 AAAAAAAAAAAAAA 4

RESULT 413
US-10-374-686-2
; Sequence 2, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; TITLE OF INVENTION: by Metal Surfaces
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
```

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 406

US-10-220-373-9/c  
; Sequence 9, Application US/10220373  
; Publication No. US20030180743A1  
; GENERAL INFORMATION:  
; APPLICANT: NAGASU, Tadehio  
; APPLICANT: OSHIDA, Tadashi  
; APPLICANT: ORAYASHI, Izumi  
; APPLICANT: MATSUI, Keiko  
; APPLICANT: SAITO, Hirohisa  
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE  
; FILE REFERENCE: SHZ-010US  
; CURRENT APPLICATION NUMBER: US/10/220,373  
; CURRENT FILING DATE: 2002-08-30  
; PRIOR APPLICATION NUMBER: JP 2000-61832  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Artificially  
; OTHER INFORMATION: Synthesized Primer Sequence  
US-10-220-373-9

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 407

US-09-730-559B-108/c  
; Sequence 108, Application US/09730559B  
; Publication No. US20030207828A1  
; GENERAL INFORMATION:  
; APPLICANT: ISHIWATA, TETSUYOSHI  
; APPLICANT: SAKURADA, MIKIO  
; APPLICANT: KAWABATA, AYAKO  
; APPLICANT: NAKAGAWA, SATOSHI  
; APPLICANT: NISHI, TATSUNARI  
; APPLICANT: KUGA, TETSURO  
; APPLICANT: SAWADA, SHIGEMASA  
; APPLICANT: TAKEI, MASAMI  
; APPLICANT: SHIBATA, KENJI  
; APPLICANT: FURUYA, AKIKO  
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE  
; FILE REFERENCE: 786.21 CIP  
; CURRENT APPLICATION NUMBER: US/09/730,559B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 108  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA

## US-09-730-559B-108

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 408

US-09-730-559B-109/c  
; Sequence 109, Application US/09730559B  
; Publication No. US20030207828A1  
; GENERAL INFORMATION:  
; APPLICANT: ISHIWATA, TETSUYOSHI  
; APPLICANT: SAKURADA, MIKIO  
; APPLICANT: KAWABATA, AYAKO  
; APPLICANT: NAKAGAWA, SATOSHI  
; APPLICANT: NISHI, TATSUNARI  
; APPLICANT: KUGA, TETSURO  
; APPLICANT: SAWADA, SHIGEMASA  
; APPLICANT: TAKEI, MASAMI  
; APPLICANT: SHIBATA, KENJI  
; APPLICANT: FURUYA, AKIKO  
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE  
; FILE REFERENCE: 786.21 CIP  
; CURRENT APPLICATION NUMBER: US/09/730,559B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 109  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA  
US-09-730-559B-109

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 409

US-10-146-474-17/c  
; Sequence 17, Application US/10146474  
; Publication No. US2003023061A1  
; GENERAL INFORMATION:  
; APPLICANT: Umansky, Samuel  
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING  
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND  
; METHODS OF USE THEREOF  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FORSTER  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:



```
APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 403
US-09-090-672B-107/c
Sequence 107, Application US/09090672B
Patent No. US20020068707A1
GENERAL INFORMATION:
APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Mishimura,
APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
APPLICANT: Shigemasa; Takei, Masami
TITLE OF INVENTION: IGA Nephropathy-Related Genes
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESS: Fitzpatrick, Cella, Harper & Scinto
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
ZIP: 10112-3801
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: Compaq PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Wordperfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/090,672B
FILING DATE: 04-JUNE-1998
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: PCT/JP97/04468
FILING DATE: 05-DEC-1997
APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-107

APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 404
US-09-788-338-3/c
Sequence 3, Application US/09788338
Patent No. US20020102561A1
GENERAL INFORMATION:
APPLICANT: MURAMATSU, TAKAMICHI
APPLICANT: FUJITA, TAKESHI
APPLICANT: KIYAMA, MASAHARU
APPLICANT: IRIE, TAKASHI
TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
FILE REFERENCE: NIT-129-02
CURRENT APPLICATION NUMBER: US/09/788,338
CURRENT FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 09/313,637
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: JP 10-153651
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-788-338-3

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 405
US-10-220-373-8/c
Sequence 8, Application US/10220373
Publication No. US20030180743A1
GENERAL INFORMATION:
APPLICANT: NAGASU, Takeshi
APPLICANT: OSHIDA, Tadahiro
APPLICANT: OYAYASHI, Izumi
APPLICANT: MATSUL, Keiko
APPLICANT: SAITO, Hirohisa
TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
FILE REFERENCE: SHZ-010US
CURRENT APPLICATION NUMBER: US/10/220,373
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: JP 2000-61832
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificially
OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-8
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RESULT 399
US-10-164-915-2
; Sequence 2, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optical
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure fo
; OTHER INFORMATION: molecular beacon
US-10-164-915-2

Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 2 AAAAAAAAAAAAAA 16

RESULT 400
US-10-227-001-20/c
; Sequence 20, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: polydT-MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: conjugate
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: n = thymine modified by MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
US-10-227-001-20

Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 2 AAAAAAAAAAAAAA 16

RESULT 401
US-09-788-362-3/c
; Sequence 3, Application US/09788362
; Patent No. US20020009731A1
; GENERAL INFORMATION:
; APPLICANT: Muramatsu, Takamichi
; APPLICANT: Fujita, Takeshi
; APPLICANT: Kiyama, Masaharu
; APPLICANT: Irie, Takashi
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
; FILE REFERENCE: NIT-129-03
; CURRENT APPLICATION NUMBER: US/09/788,362
; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 09/313,637
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: JP 10-153651
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-788-362-3

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 16 AAAAAAAAAAAAAA 2

RESULT 402
US-09-090-672B-106/c
; Sequence 106, Application US/09090672B
; Patent No. US20020068707A1
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa; Takei, Masami
; TITLE OF INVENTION: IGA Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
```

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 397

US-09-739-928-7/c  
; Sequence 7, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gampier, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates

NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = four  
4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-09-739-928-7

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 398

US-09-739-928-8/c  
; Sequence 8, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gampier, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates

NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = five  
4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-739-928-8

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

```
/
;
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-739-928-4
Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 15 AAAAAAAAAAAAAA 1

RESULT 395
US-09-739-928-5/c
; Sequence 5, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-739-928-4
```

```
/
;
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = two
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-739-928-5
Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 15 AAAAAAAAAAAAAA 1

RESULT 396
US-09-739-928-6/c
; Sequence 6, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = three
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-739-928-6
```

```

; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; FILE REFERENCE: Detection of Nucleic Acids
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
; OTHER INFORMATION: conjugate
US-10-227-001-23

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1098
DB      15 AAAAAAAAAAAAAA 1

RESULT 393
US-09-739-928-3/c
; Sequence 3, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;              Lukhtanov, Eugeny A.
;              Gamber, Howard B.
;              Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

```

```

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by 6-aminohexanoic acid
; (-NH(CH2)-6COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-739-928-3

Query Match          1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1098
DB      15 AAAAAAAAAAAAAA 1

RESULT 394
US-09-739-928-4/c
; Sequence 4, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;              Lukhtanov, Eugeny A.
;              Gamber, Howard B.
;              Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

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; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-21

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 389
US-10-176-055-9
; Sequence 9, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; FEATURE:
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
; OTHER INFORMATION: complementary to the sequence of complementary
; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-9

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 390
US-10-202-189-9/c
; Sequence 9, Application US/10202189
; Publication No. US2003002225A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US2003002225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
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; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-202-189-9

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 391
US-10-072-975-10/c
; Sequence 10, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakcheu, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
; FILE REFERENCE: AM102.P.1.1US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: SyntheticConstruct
US-10-072-975-10

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 392
US-10-227-001-23/c
; Sequence 23, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
```

; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYPEPTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
; FILE REFERENCE: 25717

; CURRENT APPLICATION NUMBER: US/10/384,450

; CURRENT FILING DATE: 2003-03-10

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-384-450-5

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

DB 15 AAAAAAAAAAAAAA 1

RESULT 385

US-09-793-146-54/c

; Sequence 54, Application US/09793146

; Publication No. US20030203359A1

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR

; TITLE OF INVENTION: PREPARATION AND USE

; FILE REFERENCE: 02481.1437-02

; CURRENT APPLICATION NUMBER: US/09/793,146

; CURRENT FILING DATE: 2001-02-27

; PRIOR APPLICATION NUMBER: P 44 08 528.1

; PRIOR FILING DATE: 1994-03-14

; PRIOR APPLICATION NUMBER: 08/402,838

; PRIOR FILING DATE: 1995-03-13

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 54

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA

US-09-793-146-54

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

DB 15 AAAAAAAAAAAAAA 1

RESULT 386

US-09-793-146-55/c

; Sequence 55, Application US/09793146

; Publication No. US20030203359A1

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR

; TITLE OF INVENTION: PREPARATION AND USE

; FILE REFERENCE: 02481.1437-02

; CURRENT APPLICATION NUMBER: US/09/793,146

; CURRENT FILING DATE: 2001-02-27

; PRIOR APPLICATION NUMBER: P 44 08 528.1

; PRIOR FILING DATE: 1994-03-14

; PRIOR APPLICATION NUMBER: 08/402,838

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 55

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA

US-09-793-146-55

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

DB 15 AAAAAAAAAAAAAA 1

RESULT 387

US-10-371-218A-5/c

; Sequence 5, Application US/10371218A

; Publication No. US20030217375A1

; GENERAL INFORMATION:

; APPLICANT: Zcharia, Eyal

; APPLICANT: Vlodavsky, Israel

; APPLICANT: Metzger, Shula

; APPLICANT: Pecker, Iris

; APPLICANT: Ilan, Neta

; APPLICANT: Chajek-Shaul, Tova

; APPLICANT: Goldshmidt, Ornit

; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF

; FILE REFERENCE: 25783

; CURRENT APPLICATION NUMBER: US/10/371,218A

; CURRENT FILING DATE: 2003-07-01

; NUMBER OF SEQ ID NOS: 51

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Single strand DNA oligonucleotide

US-10-371-218A-5

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

DB 15 AAAAAAAAAAAAAA 1

RESULT 388

US-10-208-357-21

; Sequence 21, Application US/10208357

; Publication No. US20020192687A1

; GENERAL INFORMATION:

; APPLICANT: Kurz, Markus

; APPLICANT: Lohse, Peter

; APPLICANT: Wagner, Richard

; TITLE OF INVENTION: Peptide Acceptor Ligation Methods

; FILE REFERENCE: 50036/031002

; CURRENT APPLICATION NUMBER: US/10/208,357

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US/09/619,103

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: 60/445,834

; PRIOR FILING DATE: 1999-07-27

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Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 380
US-10-091-231-2/c
; Sequence 2, Application US/10091231
; Publication No. US20030181712A1
; GENERAL INFORMATION:
; APPLICANT: NELSON, Jeffrey S.
; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION
; FILE REFERENCE: 4688US
; CURRENT APPLICATION NUMBER: US/10/091,231
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/274,309
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-091-231-2

Query Match 1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 381
US-10-154-890-17/c
; Sequence 17, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1e1 Sequence
US-10-154-890-17

Query Match 1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 382
US-10-154-890-17/c
; Sequence 17, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1e1 Sequence
US-10-154-890-17

Query Match 1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 383
US-10-154-890-18
; Sequence 18, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1e1 Sequence
US-10-154-890-18

Query Match 1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 383
US-10-431-438-5/c
; Sequence 5, Application US/10431438
; Publication No. US20030180788A1
; GENERAL INFORMATION:
; APPLICANT: Goldschmidt, Orit
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodevsky, Israel
; APPLICANT: Israel, Michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 26013
; CURRENT APPLICATION NUMBER: US/10/431,438
; CURRENT FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-10-431-438-5

Query Match 1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 384
US-10-384-450-5/c
; Sequence 5, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodevsky, Israel
```



;; PRIOR APPLICATION NUMBER: 10/014,496  
;; PRIOR FILING DATE: 2001-12-14  
;; PRIOR APPLICATION NUMBER: PCT/KR01/02133  
;; PRIOR FILING DATE: 2001-12-08  
;; NUMBER OF SEQ ID NOS: 125  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO 54  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-269-031A-54

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 378  
US-10-352-704-10/c  
; Sequence 10, Application US/10352704  
; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704  
FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal

NAME/KEY: CDS  
LOCATION: 1..15  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-10-352-704-16

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;

;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: 1..15  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-10-352-704-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 379  
US-10-352-704-16  
; Sequence 16, Application US/10352704  
; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704  
FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR

INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal

NAME/KEY: CDS  
LOCATION: 1..15  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-10-352-704-16

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;

<hr/>					
; APPLICANT: Woods, Daniel					
; APPLICANT: Dimitratos, Spiros					
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS					
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS					
; FILE REFERENCE: INS-00101.P.1.1					
; CURRENT APPLICATION NUMBER: US/10/106,749					
; CURRENT FILING DATE: 2002-03-26					
; PRIOR APPLICATION NUMBER: 60/279,168					
; PRIOR FILING DATE: 2001-03-27					
; PRIOR APPLICATION NUMBER: 60/353,392					
; PRIOR FILING DATE: 2002-01-31					
; NUMBER OF SEQ ID NOS: 6					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 5					
; LENGTH: 15					
; TYPE: DNA					
; ORGANISM: Artificial Sequence					
; FEATURE:					
; OTHER INFORMATION: Synthetic Construct					
US-10-106-749-5					
Query Match                 1.4%; Score 15; DB 1; Length 15;					
Best Local Similarity   100.0%; Pred.No. 2.5e+02;					
Matches   15; Conservative   0; Mismatches   0; Indels   0; Gaps   0;					
Qy	1084	AAAAAAAAAAAAAA	1098		
Db	15	AAAAAAAAAAAAAA	1		
RESULT 376					
US-10-384-451-5/c					
; Sequence 5, Application US/10384451					
; Publication No. US20030170860A1					
; GENERAL INFORMATION:					
; APPLICANT: Pecker, Iris					
; APPLICANT: Vlodavsky, Israel					
; APPLICANT: Feinstein, Elena					
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY					
; TITLE OF INVENTION: INVOLVED IN OLFACTORY AND IDENTIFYING MODIFIED CELLS					
; FILE REFERENCE: 25718					
; CURRENT APPLICATION NUMBER: US/10/384,451					
; CURRENT FILING DATE: 2003-03-10					
; NUMBER OF SEQ ID NOS: 47					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 5					
; LENGTH: 15					
; TYPE: DNA					
; ORGANISM: Artificial sequence					
; FEATURE:					
; OTHER INFORMATION: Synthetic oligonucleotide					
US-10-384-451-5					
Query Match                 1.4%; Score 15; DB 1; Length 15;					
Best Local Similarity   100.0%; Pred.No. 2.5e+02;					
Matches   15; Conservative   0; Mismatches   0; Indels   0; Gaps   0;					
Qy	1084	AAAAAAAAAAAAAA	1098		
Db	15	AAAAAAAAAAAAAA	1		
RESULT 377					
US-10-269-031A-54/c					
; Sequence 54, Application US/10269031A					
; Publication No. US20030175749A1					
; GENERAL INFORMATION:					
; APPLICANT: JONG-YOON, CHUN					
; TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES					
; FILE REFERENCE: 64488-012					
; CURRENT APPLICATION NUMBER: US/10/269,031A					
; CURRENT FILING DATE: 2002-10-11					
Sequence 5, Application US/10341582					
; Publication No. US20030161823A1					
; GENERAL INFORMATION:					
; APPLICANT: Neta Ilan					
; APPLICANT: Israhel Vlodavsky					
; APPLICANT: Oron Yacoby-Zeevi					
; APPLICANT: Iris Pecker					
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES					
; FILE REFERENCE: 25449					
; CURRENT APPLICATION NUMBER: US/10/341,582					
; CURRENT FILING DATE: 2003-01-14					
; NUMBER OF SEQ ID NOS: 47					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 5					
; LENGTH: 15					
; TYPE: DNA					
; ORGANISM: Artificial sequence					
; FEATURE:					
; OTHER INFORMATION: Synthetic oligonucleotide					
US-10-341-582-5					
Query Match                 1.4%; Score 15; DB 1; Length 15;					
Best Local Similarity   100.0%; Pred.No. 2.5e+02;					
Matches   15; Conservative   0; Mismatches   0; Indels   0; Gaps   0;					
Qy	1084	AAAAAAAAAAAAAA	1098		
Db	15	AAAAAAAAAAAAAA	1		
RESULT 374					
US-10-106-749-1/c					
; Sequence 1, Application US/10106749					
; Publication No. US20030165879A1					
; GENERAL INFORMATION:					
; APPLICANT: Inscntent, Inc.					
; APPLICANT: Woods, Daniel					
; APPLICANT: Dimitratos, Spiros					
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS					
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS					
; FILE REFERENCE: INS-00101.P.1.1					
; CURRENT APPLICATION NUMBER: US/10/106,749					
; CURRENT FILING DATE: 2002-03-26					
; PRIOR APPLICATION NUMBER: 60/279,168					
; PRIOR FILING DATE: 2001-03-27					
; PRIOR APPLICATION NUMBER: 60/353,392					
; PRIOR FILING DATE: 2002-01-31					
; NUMBER OF SEQ ID NOS: 6					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 1					
; LENGTH: 15					
; TYPE: DNA					
; ORGANISM: Artificial Sequence					
; FEATURE:					
; OTHER INFORMATION: Synthetic Construct					
US-10-106-749-1					
Query Match                 1.4%; Score 15; DB 1; Length 15;					
Best Local Similarity   100.0%; Pred.No. 2.5e+02;					
Matches   15; Conservative   0; Mismatches   0; Indels   0; Gaps   0;					
Qy	1084	AAAAAAAAAAAAAA	1098		
Db	15	AAAAAAAAAAAAAA	1		
RESULT 375					
US-10-106-749-5/c					
; Sequence 5, Application US/10106749					
; Publication No. US20030165879A1					
; GENERAL INFORMATION:					
; APPLICANT: Inscntent, Inc.					

; PRIOR FILING DATE: 1997-09-02  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 5  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide  
 US-09-988-113-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 DB 15 AAAAAAAAAAAAAA 1

RESULT 370  
 US-10-045-674-622/c  
 ; Sequence 622, Application US/10045674  
 ; Publication No. US2003023233A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LADNER, ROBERT C.  
 ; APPLICANT: COHEN, EDWARD H.  
 ; APPLICANT: NASTRI, HORACIO G.  
 ; APPLICANT: ROOKEY, KRISTIN L.  
 ; APPLICANT: HOET, RENE  
 ; APPLICANT: HOOGENBOOM, HENDRICUS R. J. M.  
 ; TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING  
 ; TITLE OF INVENTION: DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY  
 ; TITLE OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL  
 ; TITLE OF INVENTION: LIBRARIES  
 ; FILE REFERENCE: DYAX/002 CIP2  
 ; CURRENT APPLICATION NUMBER: US/10/045,674  
 ; CURRENT FILING DATE: 2001-10-25  
 ; PRIOR APPLICATION NUMBER: 60/198,069  
 ; PRIOR FILING DATE: 2000-04-17  
 ; PRIOR APPLICATION NUMBER: 09/837,306  
 ; PRIOR FILING DATE: 2001-04-17  
 ; NUMBER OF SEQ ID NOS: 635  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 622  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Illustrative  
 ; OTHER INFORMATION: nucleotide sequence  
 US-10-045-674-622

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 DB 15 AAAAAAAAAAAAAA 1

RESULT 371  
 US-10-456-573-5/c  
 ; Sequence 5, Application US/10456573  
 ; Publication No. US2003023621A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pecker, Iris  
 ; APPLICANT: Vlodavsky, Israel  
 ; APPLICANT: Feinstein, Elena  
 ; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
 ; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
 ; FILE REFERENCE: 25677

; CURRENT APPLICATION NUMBER: US/10/456,573  
 ; CURRENT FILING DATE: 2003-06-09  
 ; PRIOR APPLICATION NUMBER: US 09/435,739  
 ; PRIOR FILING DATE: 1999-11-08  
 ; PRIOR APPLICATION NUMBER: US 09/258,892  
 ; PRIOR FILING DATE: 1999-03-01  
 ; PRIOR APPLICATION NUMBER: PCT/US98/17954  
 ; PRIOR FILING DATE: 1998-08-03  
 ; PRIOR APPLICATION NUMBER: US 08/922,170  
 ; PRIOR FILING DATE: 1997-09-02  
 ; NUMBER OF SEQ ID NOS: 54  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 5  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Single strand DNA oligonucleotide  
 US-10-456-573-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 DB 15 AAAAAAAAAAAAAA 1

RESULT 372  
 US-10-051-436-10/c  
 ; Sequence 10, Application US/10051436  
 ; Publication No. US20030138045A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Active Motif  
 ; APPLICANT: Efimov, Vladimir  
 ; APPLICANT: Fernandez, Joseph  
 ; APPLICANT: Archdeacon, Dorothy  
 ; APPLICANT: Archdeacon, John  
 ; APPLICANT: Chakhmakchev, Oksana  
 ; APPLICANT: Buryakova, Alla  
 ; APPLICANT: Choob, Mikhail  
 ; APPLICANT: Hondorp, Kyle  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
 ; FILE REFERENCE: AM102.P.1US  
 ; CURRENT APPLICATION NUMBER: US/10/051,436  
 ; CURRENT FILING DATE: 2002-01-18  
 ; PRIOR APPLICATION NUMBER: US 60/189,190  
 ; PRIOR FILING DATE: 2000-03-14  
 ; PRIOR APPLICATION NUMBER: US 60/250,334  
 ; PRIOR FILING DATE: 2000-11-30  
 ; NUMBER OF SEQ ID NOS: 18  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 10  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; OTHER INFORMATION: SyntheticConstruct  
 US-10-051-436-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 DB 15 AAAAAAAAAAAAAA 1

RESULT 373  
 US-10-341-582-5/c

```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/983,210
FILING DATE: 2001-OCT-23
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/150156
FILING DATE: 1994-APR-05
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 0986/91
FILING DATE: 24-MAY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 0987/91
FILING DATE: 24-MAY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 0510/92
FILING DATE: 15-APR-1992
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PUBLICATION INFORMATION:
DOCUMENT NUMBER: WO PCT/EP92/01220
FILING DATE: 22-MAY-1992
US-09-983-210-19

```

```
Query Match      1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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RESULT 367  
US-09-983-210-20  
Sequence 20, Application US/09983210  
Patent No. US20020160383A1  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN  
TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES  
NUMBER OF SEQUENCES: 40  
COMPUTER READABLE FORM: 40  
MEDIUM TYPE: Floppy disk  
COMPUTER: IEM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/983,210  
FILING DATE: 2001-OCT-23  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150156  
FILING DATE: 1994-APR-05  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 0986/91  
FILING DATE: 24-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 0987/91  
FILING DATE: 24-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 0510/92  
FILING DATE: 15-APR-1992  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs

, TYPE: nucleic acid  
, STRANDEDNESS: single  
, TOPOLOGY: linear  
, MOLECULE TYPE: DNA (genomic)  
, HYPOTHEICAL: NO  
, ANTI-SENSE: NO  
, PUBLICATION INFORMATION:  
, DOCUMENT NUMBER: WO PCT/EP  
, FILING DATE: 22-MAY-1992  
, US-09-983-210-20

```

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

RESULT 368
US-09-850-982B-4/c
; Sequence 4, Application US/09850982B
; Patent No. US20020166145A1
; GENERAL INFORMATION:
; APPLICANT: Nestec S.A.
; TITLE OF INVENTION: COFFEE MANNANASE
; FILE REFERENCE: 88265-4025
; CURRENT APPLICATION NUMBER: US/09/850,982B
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleot
; OTHER INFORMATION: que due Sart Tilman (S
; OTHER INFORMATION: IguuM).
US-09-850-982B-4

```

```
Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 369  
US-09-988-113-5/c  
; Sequence 5, Application US/09988113  
; Patent No. US20020168749A1  
; GENERAL INFORMATION:  
; APPLICANT: Pecker, Iris  
; APPLICANT: Vlodyavsky, Israel  
; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
; FILE REFERENCE: 01/22781  
; CURRENT APPLICATION NUMBER: US/09/988,113  
; CURRENT FILING DATE: 2001-11-19  
; PRIOR APPLICATION NUMBER: US 09/776,874  
; PRIOR FILING DATE: 2001-02-06  
; PRIOR APPLICATION NUMBER: US09/258,892  
; PRIOR FILING DATE: 1999-03-01  
; PRIOR APPLICATION NUMBER: PCT/US98/17954  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: US 09/109,386  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: US 08/922,170

; PRIOR FILING DATE: 1998-08-31  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-776-874A-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 363  
US-09-955-410-17/c  
; Sequence 17, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: IS184800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1 Sequence  
US-09-955-410-17

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 364  
US-09-955-410-18  
; Sequence 18, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: IS184800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24

; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 18  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1 Sequence  
US-09-955-410-18

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 15

RESULT 365  
US-09-805-296D-10/c  
; Sequence 10, Application US/09805296D  
; Patent No. US20020155989A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
; FILE REFERENCE: AM102.P.1US  
; CURRENT APPLICATION NUMBER: US/09/805,296D  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: SynthesiConstruct  
US-09-805-296D-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 366  
US-09-983-210-19/c  
; Sequence 19, Application US/09983210  
; Patent No. US20020160383A1  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN  
; TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES  
; NUMBER OF SEQUENCES: 40  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

US-10-015-822A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTGT 1

RESULT 359

US-09-504-231A-22/c  
; Sequence 22, Application US/09504231A  
; Patent No. US20020013458A1

; GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; FILE REFERENCE: ID# 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-22

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 360

US-09-930-218-5/c

; Sequence 5, Application US/09930218

; Patent No. US20020034810A1

; GENERAL INFORMATION:

; APPLICANT: Goldshmidt,orit

; APPLICANT: pecker, iris

; APPLICANT: vlodavsky, israel

; APPLICANT: israel, michael

; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H

; FILE REFERENCE: 01/22335

; CURRENT APPLICATION NUMBER: US/09/930,218

; CURRENT FILING DATE: 2001-08-16

; PRIOR APPLICATION NUMBER: 09/666,390

; PRIOR FILING DATE: 2000-09-20

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic polynucleotide  
US-09-930-218-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 361

US-09-274-553D-22/c

; Sequence 22, Application US/09274553D

; Patent No. US20020082225A1

; GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT

; FILE REFERENCE: ID# 247/282

; CURRENT APPLICATION NUMBER: US/09/274,553D

; CURRENT FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3148

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-22

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 362

US-09-776-874A-5/c

; Sequence 5, Application US/09776874A

; Patent No. US20020102560A1

; GENERAL INFORMATION:

; APPLICANT: Pecker, Iris

; APPLICANT: vlodavsky, israel

; APPLICANT: Feinstein, Elena

; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; FILE REFERENCE: 01/22603

; CURRENT APPLICATION NUMBER: US/09/776,874A

; CURRENT FILING DATE: 2001-12-12

; PRIOR APPLICATION NUMBER: US 08/922,170

; PRIOR FILING DATE: 1997-09-02

; PRIOR APPLICATION NUMBER: US 09/109,386

; PRIOR FILING DATE: 1998-07-10

; PRIOR APPLICATION NUMBER: PCT/US98/17954

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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 356
US-10-006-041A-447/c
; Sequence 447, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 357
US-10-011-833A-447/c

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; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 353
US-10-020-063A-447/c
; Sequence 447, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020,063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 355
US-10-017-407A-447/c
; Sequence 447, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 354
US-10-015-391A-447/c
; Sequence 447, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/015,391A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAGCGCTCAGTCTGT 1

RESULT 355
US-10-017-407A-447/c
; Sequence 447, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```



;; PRIOR APPLICATION NUMBER: 60/100710  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/100711  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/100848  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/100849  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/100919  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/100930  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/101014  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101068  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101071  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101279  
;; PRIOR FILING DATE: 1998-09-22  
;; PRIOR APPLICATION NUMBER: 60/101471  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101472  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101474  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101475  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101476  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101477  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101479  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101738  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101741  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101743  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101915  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101916  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/102207  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102240  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102307  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102330  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102331  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102484  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102487  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102570  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102571  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102684  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102687  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102965  
;; PRIOR FILING DATE: 1998-10-02  
;; PRIOR APPLICATION NUMBER: 60/103258  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103314  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103315

;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103328  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103395  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103396  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103401  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103449  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103633  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103678  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103679  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103711  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/104257  
;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105693  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105694  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACGAGCGCTCAGTCCCG 640  
Dd 20 TAAACAGCGCTCAGTCCG 1

RESULT 352  
US-10-006-063A-447/c  
; Sequence 447, Application US/10006063A  
; Publication No. US20030114652A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James

;; Prior application removed - See file Wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 477  
;; SEQ ID NO 447  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-011-692A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAAGCGCTCAGTCTGT 1

RESULT 350  
US-10-006-768A-447/c  
;; Sequence 447, Application US/10006768A  
;; Publication No. US20030113793A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnovers, Luc  
;; APPLICANT: Eaton, Dan I.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C64  
;; CURRENT APPLICATION NUMBER: US/10/006,768A  
;; CURRENT FILING DATE: 2002-03-05  
;; NUMBER OF SEQ ID NOS: 477  
;; Prior Application removed - See File Wrapper or Palm  
;; SEQ ID NO 447  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-006-768A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAAGCGCTCAGTCTGT 1

RESULT 351  
US-10-017-610A-447/c  
;; Sequence 447, Application US/10017610A  
;; Publication No. US20030113795A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnovers, Luc  
;; APPLICANT: Eaton, Dan I.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman

;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C64  
;; CURRENT APPLICATION NUMBER: US/10/017,610A  
;; CURRENT FILING DATE: 2001-12-13  
;; PRIOR APPLICATION NUMBER: 60/098716  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098723  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098749  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098750  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098803  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/098821  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/098843  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/099536  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099596  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099598  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099602  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099642  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099741  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099754  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099763  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099792  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099808  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099812  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099815  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099816  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/100385  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100388  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100390  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100584  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100627  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100661  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100662  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100664  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100683  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/100684  
;; PRIOR FILING DATE: 1998-09-17

;; PRIOR APPLICATION NUMBER: 60/104257  
;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105693  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105694  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 347

US-10-012-755A-447/c  
; Sequence 447, Application US/10012755A  
; Publication No. US20030096955A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC28  
; CURRENT APPLICATION NUMBER: US/10/012,755A  
; CURRENT FILING DATE: 2002-06-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-012-755A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 348

US-10-015-386A-447/c  
; Sequence 447, Application US/10015386A  
; Publication No. US20030099625A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC55  
; CURRENT APPLICATION NUMBER: US/10/015,386A  
; CURRENT FILING DATE: 2001-12-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-015-386A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 349

US-10-011-692A-447/c  
; Sequence 447, Application US/10011692A  
; Publication No. US20030109672A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC30  
; CURRENT APPLICATION NUMBER: US/10/011,692A  
; CURRENT FILING DATE: 2001-12-07

1 PRIOR APPLICATION NUMBER: 60/098750  
 2 PRIOR FILING DATE: 1998-09-01  
 3 PRIOR APPLICATION NUMBER: 60/098803  
 4 PRIOR FILING DATE: 1998-09-02  
 5 PRIOR APPLICATION NUMBER: 60/098821  
 6 PRIOR FILING DATE: 1998-09-02  
 7 PRIOR APPLICATION NUMBER: 60/098843  
 8 PRIOR FILING DATE: 1998-09-02  
 9 PRIOR APPLICATION NUMBER: 60/099536  
 10 PRIOR FILING DATE: 1998-09-09  
 11 PRIOR APPLICATION NUMBER: 60/099596  
 12 PRIOR FILING DATE: 1998-09-09  
 13 PRIOR APPLICATION NUMBER: 60/099598  
 14 PRIOR FILING DATE: 1998-09-09  
 15 PRIOR APPLICATION NUMBER: 60/099602  
 16 PRIOR FILING DATE: 1998-09-09  
 17 PRIOR APPLICATION NUMBER: 60/099642  
 18 PRIOR FILING DATE: 1998-09-09  
 19 PRIOR APPLICATION NUMBER: 60/099741  
 20 PRIOR FILING DATE: 1998-09-10  
 21 PRIOR APPLICATION NUMBER: 60/099754  
 22 PRIOR FILING DATE: 1998-09-10  
 23 PRIOR APPLICATION NUMBER: 60/099763  
 24 PRIOR FILING DATE: 1998-09-10  
 25 PRIOR APPLICATION NUMBER: 60/099792  
 26 PRIOR FILING DATE: 1998-09-10  
 27 PRIOR APPLICATION NUMBER: 60/099808  
 28 PRIOR FILING DATE: 1998-09-10  
 29 PRIOR APPLICATION NUMBER: 60/099812  
 30 PRIOR FILING DATE: 1998-09-10  
 31 PRIOR APPLICATION NUMBER: 60/099815  
 32 PRIOR FILING DATE: 1998-09-10  
 33 PRIOR APPLICATION NUMBER: 60/099816  
 34 PRIOR FILING DATE: 1998-09-10  
 35 PRIOR APPLICATION NUMBER: 60/100385  
 36 PRIOR FILING DATE: 1998-09-15  
 37 PRIOR APPLICATION NUMBER: 60/100388  
 38 PRIOR FILING DATE: 1998-09-15  
 39 PRIOR APPLICATION NUMBER: 60/100390  
 40 PRIOR FILING DATE: 1998-09-15  
 41 PRIOR APPLICATION NUMBER: 60/100584  
 42 PRIOR FILING DATE: 1998-09-16  
 43 PRIOR APPLICATION NUMBER: 60/100627  
 44 PRIOR FILING DATE: 1998-09-16  
 45 PRIOR APPLICATION NUMBER: 60/100661  
 46 PRIOR FILING DATE: 1998-09-16  
 47 PRIOR APPLICATION NUMBER: 60/100662  
 48 PRIOR FILING DATE: 1998-09-16  
 49 PRIOR APPLICATION NUMBER: 60/100664  
 50 PRIOR FILING DATE: 1998-09-16  
 51 PRIOR APPLICATION NUMBER: 60/100683  
 52 PRIOR FILING DATE: 1998-09-17  
 53 PRIOR APPLICATION NUMBER: 60/100848  
 54 PRIOR FILING DATE: 1998-09-18  
 55 PRIOR APPLICATION NUMBER: 60/100849  
 56 PRIOR FILING DATE: 1998-09-18  
 57 PRIOR APPLICATION NUMBER: 60/100919  
 58 PRIOR FILING DATE: 1998-09-17  
 59 PRIOR APPLICATION NUMBER: 60/100930  
 60 PRIOR FILING DATE: 1998-09-17  
 61 PRIOR APPLICATION NUMBER: 60/101014  
 62 PRIOR FILING DATE: 1998-09-18  
 63 PRIOR APPLICATION NUMBER: 60/101068  
 64 PRIOR FILING DATE: 1998-09-18  
 65 PRIOR APPLICATION NUMBER: 60/101071  
 66 PRIOR FILING DATE: 1998-09-18  
 67 PRIOR APPLICATION NUMBER: 60/101279

; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102487  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102570  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102571  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102684  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102687  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102965  
 ; PRIOR FILING DATE: 1998-10-02  
 ; PRIOR APPLICATION NUMBER: 60/103258  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103314  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103315  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103328  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103395  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103396  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103401  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103449  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103633  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103678  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103679  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103711  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/104257  
 ; PRIOR FILING DATE: 1998-10-14  
 ; PRIOR APPLICATION NUMBER: 60/104987  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105000  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105002  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105104  
 ; PRIOR FILING DATE: 1998-10-21  
 ; PRIOR APPLICATION NUMBER: 60/105169  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105266  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105693  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105694  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105807  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105881  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105882  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 621 TCACACGCGCTCAGTCCCG 640  
 Db 20 TAAACACGCGCTCAGTCCCTG 1

RESULT 345  
 US-10-013-430A-447/c  
 ; Sequence 447, Application US/10013430A  
 ; Publication No. US20030092883A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C31  
 ; CURRENT APPLICATION NUMBER: US/10/013,430A  
 ; PRIOR FILING DATE: 2002-06-25  
 ; PRIOR APPLICATION removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-013-430A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
 Db 20 TAAACACGCGCTCAGTCCCTG 1

RESULT 346  
 US-10-011-671A-447/c  
 ; Sequence 447, Application US/10011671A  
 ; Publication No. US20030096954A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Borstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C27  
 ; CURRENT APPLICATION NUMBER: US/10/011,671A  
 ; PRIOR FILING DATE: 2002-06-10  
 ; PRIOR APPLICATION NUMBER: 60/098716  
 ; PRIOR FILING DATE: 1998-09-01  
 ; PRIOR APPLICATION NUMBER: 60/098723  
 ; PRIOR FILING DATE: 1998-09-01  
 ; PRIOR APPLICATION NUMBER: 60/098749  
 ; PRIOR FILING DATE: 1998-09-01

```
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 621 TCAACGAGCGCTCAGTCCG 640
    |||||
Db 20 TAAACGAGCGCTCAGTCCG 1

RESULT 344
US-10-007-194A-447/c
; Sequence 447, Application US/10007194A
; Publication No. US20030092061A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC6
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
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 ; PRIOR APPLICATION NUMBER: 60/103678  
 ; PRIOR FILING DATE: 1998-10-08  
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; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/104257  
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 ; PRIOR APPLICATION NUMBER: 60/104987  
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 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACAGCGCTCAGTCCCG 640  
 Db 20 TAAACAAGCGCTCAGTCCGTG 1

RESULT 343

US-10-013-913A-447/c  
 ; Sequence 447, Application US/10013913A  
 ; Publication No. US2003083462A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2830PIC40  
 ; CURRENT APPLICATION NUMBER: US/10/013,913A  
 ; CURRENT FILING DATE: 2002-07-15  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-013-913A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;

## RESULT 341

US-10-006-117A-447/c  
; Sequence 447, Application US/10006117A  
; Publication No. US20030082627A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C13  
; CURRENT APPLICATION NUMBER: US/10/006,117A  
; CURRENT FILING DATE: 2002-03-19  
; Prior Application removed - See File Wrapper or Palm  
; PRIOR FILING DATE: 2001-07-09  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-006-117A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 3.1e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACCAAGCGCTCAGTCCG 640

Db 20 TAAACCAAGCGCTCAGTCTG 1

## RESULT 342

US-10-017-527A-447/c  
; Sequence 447, Application US/10017527A  
; Publication No. US20030082628A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C63  
; CURRENT APPLICATION NUMBER: US/10/017,527A  
; CURRENT FILING DATE: 2001-12-13  
; PRIOR APPLICATION NUMBER: 60/098716  
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 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCACCCAGCGCTCAGTCCCG 640  
 Db 20 TAAACAAGCGCTCAGTCCCTG 1

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/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C45
/ CURRENT APPLICATION NUMBER: US/10/015,869A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 339
US-10-012-121A-447/c
/ Sequence 447, Application US/10012121A
/ Publication No. US20030073810A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C20
/ CURRENT APPLICATION NUMBER: US/10/012,121A
/ CURRENT FILING DATE: 2001-12-07
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
```

```
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 340
US-10-006-116A-447/c
/ Sequence 447, Application US/10006116A
/ Publication No. US20030082626A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C15
/ CURRENT APPLICATION NUMBER: US/10/006,116A
/ CURRENT FILING DATE: 2001-12-16
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-116A-447
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; PRIOR FILING DATE: 1998-10-28
Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCCTG 1

RESULT 335
US-10-006-856A-447/c
; Sequence 447, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C14
; CURRENT APPLICATION NUMBER: US/10/006,856A
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCCTG 1

RESULT 336
US-10-006-818A-447/c
; Sequence 447, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C14
; CURRENT APPLICATION NUMBER: US/10/006,856A
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCCTG 1

RESULT 337
US-10-015-393A-447/c
; Sequence 447, Application US/10015393A
; Publication No. US20030089179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C46
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCCTG 1

RESULT 338
US-10-015-869A-447/c
; Sequence 447, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
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1	PRIOR FILING DATE: 1998-09-10	2	PRIOR APPLICATION NUMBER: 60/099808	3	PRIOR FILING DATE: 1998-09-29	4	PRIOR APPLICATION NUMBER: 60/1022020
5	PRIOR FILING DATE: 1998-09-10	6	PRIOR APPLICATION NUMBER: 60/099808	7	PRIOR FILING DATE: 1998-09-29	8	PRIOR APPLICATION NUMBER: 60/102240
9	PRIOR FILING DATE: 1998-09-10	10	PRIOR APPLICATION NUMBER: 60/099812	11	PRIOR FILING DATE: 1998-09-29	12	PRIOR APPLICATION NUMBER: 60/102307
13	PRIOR FILING DATE: 1998-09-10	14	PRIOR APPLICATION NUMBER: 60/099815	15	PRIOR FILING DATE: 1998-09-29	16	PRIOR APPLICATION NUMBER: 60/102330
17	PRIOR FILING DATE: 1998-09-10	18	PRIOR APPLICATION NUMBER: 60/099816	19	PRIOR FILING DATE: 1998-09-29	20	PRIOR APPLICATION NUMBER: 60/102331
21	PRIOR FILING DATE: 1998-09-15	22	PRIOR APPLICATION NUMBER: 60/100385	23	PRIOR FILING DATE: 1998-09-29	24	PRIOR APPLICATION NUMBER: 60/102484
25	PRIOR FILING DATE: 1998-09-15	26	PRIOR APPLICATION NUMBER: 60/100388	27	PRIOR FILING DATE: 1998-09-30	28	PRIOR APPLICATION NUMBER: 60/102487
29	PRIOR FILING DATE: 1998-09-15	30	PRIOR APPLICATION NUMBER: 60/100390	31	PRIOR FILING DATE: 1998-09-30	32	PRIOR APPLICATION NUMBER: 60/102570
33	PRIOR FILING DATE: 1998-09-15	34	PRIOR APPLICATION NUMBER: 60/100584	35	PRIOR FILING DATE: 1998-09-30	36	PRIOR APPLICATION NUMBER: 60/102571
37	PRIOR FILING DATE: 1998-09-16	38	PRIOR APPLICATION NUMBER: 60/100627	39	PRIOR FILING DATE: 1998-09-30	40	PRIOR APPLICATION NUMBER: 60/102684
41	PRIOR FILING DATE: 1998-09-16	42	PRIOR APPLICATION NUMBER: 60/100661	43	PRIOR FILING DATE: 1998-10-01	44	PRIOR APPLICATION NUMBER: 60/102687
45	PRIOR FILING DATE: 1998-09-16	46	PRIOR APPLICATION NUMBER: 60/100662	47	PRIOR FILING DATE: 1998-10-01	48	PRIOR APPLICATION NUMBER: 60/102965
49	PRIOR FILING DATE: 1998-09-16	50	PRIOR APPLICATION NUMBER: 60/100664	51	PRIOR FILING DATE: 1998-10-02	52	PRIOR APPLICATION NUMBER: 60/103258
53	PRIOR FILING DATE: 1998-09-17	54	PRIOR APPLICATION NUMBER: 60/100683	55	PRIOR FILING DATE: 1998-10-06	56	PRIOR APPLICATION NUMBER: 60/103314
57	PRIOR FILING DATE: 1998-09-17	58	PRIOR APPLICATION NUMBER: 60/100684	59	PRIOR FILING DATE: 1998-10-07	60	PRIOR APPLICATION NUMBER: 60/103315
61	PRIOR FILING DATE: 1998-09-17	62	PRIOR APPLICATION NUMBER: 60/100710	63	PRIOR FILING DATE: 1998-10-07	64	PRIOR APPLICATION NUMBER: 60/103328
65	PRIOR FILING DATE: 1998-09-17	66	PRIOR APPLICATION NUMBER: 60/100711	67	PRIOR FILING DATE: 1998-10-07	68	PRIOR APPLICATION NUMBER: 60/103395
69	PRIOR FILING DATE: 1998-09-18	70	PRIOR APPLICATION NUMBER: 60/100848	71	PRIOR FILING DATE: 1998-10-07	72	PRIOR APPLICATION NUMBER: 60/103396
73	PRIOR FILING DATE: 1998-09-18	74	PRIOR APPLICATION NUMBER: 60/100849	75	PRIOR FILING DATE: 1998-10-07	76	PRIOR APPLICATION NUMBER: 60/103401
77	PRIOR FILING DATE: 1998-09-18	78	PRIOR APPLICATION NUMBER: 60/100919	79	PRIOR FILING DATE: 1998-10-07	80	PRIOR APPLICATION NUMBER: 60/103449
81	PRIOR FILING DATE: 1998-09-17	82	PRIOR APPLICATION NUMBER: 60/100930	83	PRIOR FILING DATE: 1998-10-06	84	PRIOR APPLICATION NUMBER: 60/103633
85	PRIOR FILING DATE: 1998-09-17	86	PRIOR APPLICATION NUMBER: 60/101014	87	PRIOR FILING DATE: 1998-10-08	88	PRIOR APPLICATION NUMBER: 60/103678
89	PRIOR FILING DATE: 1998-09-18	90	PRIOR APPLICATION NUMBER: 60/101068	91	PRIOR FILING DATE: 1998-10-08	92	PRIOR APPLICATION NUMBER: 60/103679
93	PRIOR FILING DATE: 1998-09-18	94	PRIOR APPLICATION NUMBER: 60/101071	95	PRIOR FILING DATE: 1998-10-08	96	PRIOR APPLICATION NUMBER: 60/103711
97	PRIOR FILING DATE: 1998-09-22	98	PRIOR APPLICATION NUMBER: 60/101279	99	PRIOR FILING DATE: 1998-10-08	100	PRIOR APPLICATION NUMBER: 60/104257
101	PRIOR FILING DATE: 1998-09-23	102	PRIOR APPLICATION NUMBER: 60/101471	103	PRIOR FILING DATE: 1998-10-14	104	PRIOR APPLICATION NUMBER: 60/104987
105	PRIOR FILING DATE: 1998-09-23	106	PRIOR APPLICATION NUMBER: 60/101472	107	PRIOR FILING DATE: 1998-10-20	108	PRIOR APPLICATION NUMBER: 60/105000
109	PRIOR FILING DATE: 1998-09-23	110	PRIOR APPLICATION NUMBER: 60/101474	111	PRIOR FILING DATE: 1998-10-20	112	PRIOR APPLICATION NUMBER: 60/105002
113	PRIOR FILING DATE: 1998-09-23	114	PRIOR APPLICATION NUMBER: 60/101475	115	PRIOR FILING DATE: 1998-10-20	116	PRIOR APPLICATION NUMBER: 60/105104
117	PRIOR FILING DATE: 1998-09-23	118	PRIOR APPLICATION NUMBER: 60/101476	119	PRIOR FILING DATE: 1998-10-21	120	PRIOR APPLICATION NUMBER: 60/105169
121	PRIOR FILING DATE: 1998-09-23	122	PRIOR APPLICATION NUMBER: 60/101477	123	PRIOR FILING DATE: 1998-10-22	124	PRIOR APPLICATION NUMBER: 60/105266
125	PRIOR FILING DATE: 1998-09-23	126	PRIOR APPLICATION NUMBER: 60/101479	127	PRIOR FILING DATE: 1998-10-22	128	PRIOR APPLICATION NUMBER: 60/105693
129	PRIOR FILING DATE: 1998-09-23	130	PRIOR APPLICATION NUMBER: 60/101738	131	PRIOR FILING DATE: 1998-10-26	132	PRIOR APPLICATION NUMBER: 60/105694
133	PRIOR FILING DATE: 1998-09-24	134	PRIOR APPLICATION NUMBER: 60/101741	135	PRIOR FILING DATE: 1998-10-26	136	PRIOR APPLICATION NUMBER: 60/105807
137	PRIOR FILING DATE: 1998-09-24	138	PRIOR APPLICATION NUMBER: 60/101743	139	PRIOR FILING DATE: 1998-10-27	140	PRIOR APPLICATION NUMBER: 60/105881

QY 621 TCACACGCGCTCAGTCCG 640  
 Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 332

US-10-015-519A-447/c  
 ; Sequence 447, Application US/10015519A  
 ; Publication No. US20030203401A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830PIC39  
 ; CURRENT APPLICATION NUMBER: US/10/015,519A  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-015-519A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCG 640  
 Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 333

US-10-015-390A-447/c  
 ; Sequence 447, Application US/10015390A  
 ; Publication No. US20030216562A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830PIC53  
 ; CURRENT APPLICATION NUMBER: US/10/015,390A  
 ; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-015-390A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCG 640  
 Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 334

US-10-006-746A-447/c  
 ; Sequence 447, Application US/10006746A  
 ; Publication No. US20030220471A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830PIC5  
 ; CURRENT APPLICATION NUMBER: US/10/006,746A  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-006-746A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCG 640  
 Db 20 TAAACAAGCGCTCAGTCTG 1

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
    |||||
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 329
US-10-126-355-63
; Sequence 63, Application US/10126355
; Publication No. US20030198965A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Frieler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
; FILE REFERENCE: 11-BETA DEHYDROGENASE 1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/126,355
; CURRENT FILING DATE: 2002-04-19
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-126-355-63

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAGAGCTCCAGGAC 477
    |||||
Db 1 CCAGGAGAGCACCGAGTAC 20

RESULT 330
US-10-013-915A-447/c
; Sequence 447, Application US/10013915A
; Publication No. US20030204053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
    |||||
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 331
US-10-015-394A-447/c
; Sequence 447, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C41
; CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC17  
CURRENT APPLICATION NUMBER: US/10/012,753A  
CURRENT FILING DATE: 2001-12-07  
Prior application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-012-753A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.le+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 326  
US-10-015-385A-447/c  
Sequence 447, Application US/10015385A  
Publication No. US20030195347A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC51  
CURRENT APPLICATION NUMBER: US/10/015,385A  
CURRENT FILING DATE: 2002-07-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-385A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.le+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 327  
US-10-007-236A-447/c  
Sequence 447, Application US/10007236A  
Publication No. US2003019893A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC12  
CURRENT APPLICATION NUMBER: US/10/007,236A  
CURRENT FILING DATE: 2002-06-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-007-236A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.le+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 328  
US-10-015-389A-447/c  
Sequence 447, Application US/10015389A  
Publication No. US20030199675A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC48  
CURRENT APPLICATION NUMBER: US/10/015,389A  
CURRENT FILING DATE: 2002-06-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20





1	PRIOR FILING DATE: 1998-09-29	
2	PRIOR APPLICATION NUMBER: 60/102330	
3	PRIOR FILING DATE: 1998-09-29	
4	PRIOR APPLICATION NUMBER: 60/102331	
5	PRIOR FILING DATE: 1998-09-29	
6	PRIOR APPLICATION NUMBER: 60/102484	
7	PRIOR FILING DATE: 1998-09-30	
8	PRIOR APPLICATION NUMBER: 60/102487	
9	PRIOR FILING DATE: 1998-09-30	
10	PRIOR APPLICATION NUMBER: 60/102570	
11	PRIOR FILING DATE: 1998-09-30	
12	PRIOR APPLICATION NUMBER: 60/102571	
13	PRIOR FILING DATE: 1998-09-30	
14	PRIOR APPLICATION NUMBER: 60/102684	
15	PRIOR FILING DATE: 1998-10-01	
16	PRIOR APPLICATION NUMBER: 60/102687	
17	PRIOR FILING DATE: 1998-10-01	
18	PRIOR APPLICATION NUMBER: 60/102965	
19	PRIOR FILING DATE: 1998-10-02	
20	PRIOR APPLICATION NUMBER: 60/103258	
21	PRIOR FILING DATE: 1998-10-06	
22	PRIOR APPLICATION NUMBER: 60/103314	
23	PRIOR FILING DATE: 1998-10-07	
24	PRIOR APPLICATION NUMBER: 60/103315	
25	PRIOR FILING DATE: 1998-10-07	
26	PRIOR APPLICATION NUMBER: 60/103328	
27	PRIOR FILING DATE: 1998-10-07	
28	PRIOR APPLICATION NUMBER: 60/103395	
29	PRIOR FILING DATE: 1998-10-07	
30	PRIOR APPLICATION NUMBER: 60/103396	
31	PRIOR FILING DATE: 1998-10-07	
32	PRIOR APPLICATION NUMBER: 60/103401	
33	PRIOR FILING DATE: 1998-10-07	
34	PRIOR APPLICATION NUMBER: 60/103449	
35	PRIOR FILING DATE: 1998-10-06	
36	PRIOR APPLICATION NUMBER: 60/103633	
37	PRIOR FILING DATE: 1998-10-08	
38	PRIOR APPLICATION NUMBER: 60/103678	
39	PRIOR FILING DATE: 1998-10-08	
40	PRIOR APPLICATION NUMBER: 60/103679	
41	PRIOR FILING DATE: 1998-10-08	
42	PRIOR APPLICATION NUMBER: 60/103711	
43	PRIOR FILING DATE: 1998-10-08	
44	PRIOR APPLICATION NUMBER: 60/104257	
45	PRIOR FILING DATE: 1998-10-14	
46	PRIOR APPLICATION NUMBER: 60/104987	
47	PRIOR FILING DATE: 1998-10-20	
48	PRIOR APPLICATION NUMBER: 60/105000	
49	PRIOR FILING DATE: 1998-10-20	
50	PRIOR APPLICATION NUMBER: 60/105002	
51	PRIOR FILING DATE: 1998-10-20	
52	PRIOR APPLICATION NUMBER: 60/105104	
53	PRIOR FILING DATE: 1998-10-21	
54	PRIOR APPLICATION NUMBER: 60/105169	
55	PRIOR FILING DATE: 1998-10-22	
56	PRIOR APPLICATION NUMBER: 60/105266	
57	PRIOR FILING DATE: 1998-10-22	
58	PRIOR APPLICATION NUMBER: 60/105693	
59	PRIOR FILING DATE: 1998-10-26	
60	PRIOR APPLICATION NUMBER: 60/105694	
61	PRIOR FILING DATE: 1998-10-26	
62	PRIOR APPLICATION NUMBER: 60/105807	
63	PRIOR FILING DATE: 1998-10-27	
64	PRIOR APPLICATION NUMBER: 60/105881	
65	PRIOR FILING DATE: 1998-10-27	
66	PRIOR APPLICATION NUMBER: 60/105882	
67	PRIOR FILING DATE: 1998-10-27	
68	PRIOR APPLICATION NUMBER: 60/106023	
69	PRIOR FILING DATE: 1998-10-28	

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels

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RESULT 319
US-10-015-671A-447/c
; Sequence 447, Application US/10015671A
; Publication No. US20030186319A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC47
; CURRENT APPLICATION NUMBER: US/10/015,671A
; CURRENT FILING DATE: 2001-12-11
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-671A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGGCTCAGTCCCG 640
DB 20 TAAACAGGCTCAGTCTCTG 1

RESULT 320
US-10-012-237A-447/c
; Sequence 447, Application US/10012237A
; Publication No. US20030191281A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC21
; CURRENT APPLICATION NUMBER: US/10/012,237A
; CURRENT FILING DATE: 2002-06-10
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-447/c

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGGCTCAGTCCCG 640
DB 20 TAAACAGGCTCAGTCTCTG 1

RESULT 321
US-10-013-906A-447/c
; Sequence 447, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC36
; CURRENT APPLICATION NUMBER: US/10/013,906A
; CURRENT FILING DATE: 2002-06-10
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-906A-447/c

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGGCTCAGTCCCG 640
DB 20 TAAACAGGCTCAGTCTCTG 1
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FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGGCTCAGTCCCG 640
DB 20 TAAACAGGCTCAGTCTCTG 1

RESULT 321
US-10-013-906A-447/c
; Sequence 447, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC36
; CURRENT APPLICATION NUMBER: US/10/013,906A
; CURRENT FILING DATE: 2002-06-10
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-906A-447/c

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGGCTCAGTCCCG 640
DB 20 TAAACAGGCTCAGTCTCTG 1
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; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCG 640
Db 20 TAAACAGCGCTCAGTCCTG 1

RESULT 317
US-10-015-610A-447/c
; Sequence 447, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803

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; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCG 640
Db 20 TAAACAGCGCTCAGTCCTG 1

RESULT 318
US-10-015-653A-447/c
; Sequence 447, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCG 640
Db 20 TAAACAGCGCTCAGTCCTG 1

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; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100849  
; PRIOR FILING DATE: 1998-09-18  
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; PRIOR FILING DATE: 1998-09-17  
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; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101014  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101068  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101071  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101279  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: 60/101471  
; PRIOR FILING DATE: 1998-09-23  
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; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101479  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101743  
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; PRIOR FILING DATE: 1998-09-29  
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; PRIOR APPLICATION NUMBER: 60/102687  
; PRIOR FILING DATE: 1998-10-01  
; PRIOR APPLICATION NUMBER: 60/102965  
; PRIOR FILING DATE: 1998-10-02  
; PRIOR APPLICATION NUMBER: 60/103258  
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; PRIOR APPLICATION NUMBER: 60/103314  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103315  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103328  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103395  
; PRIOR FILING DATE: 1998-10-07

;  
; PRIOR APPLICATION NUMBER: 60/103396  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103401  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103449  
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; PRIOR APPLICATION NUMBER: 60/103679  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/103711  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/104257  
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; PRIOR APPLICATION NUMBER: 60/104987  
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; PRIOR APPLICATION NUMBER: 60/105104  
; PRIOR FILING DATE: 1998-10-21  
; PRIOR APPLICATION NUMBER: 60/105169  
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; PRIOR FILING DATE: 1998-10-22  
; PRIOR APPLICATION NUMBER: 60/105693  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105694  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105807  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/105881  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/105882  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/106023  
; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred.No.3.le+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 621 TCAACAGCGCTCAGTCCCG 640  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 316

US-10-013-912A-447/c  
; Sequence 447, Application US/10013912A  
; Publication No. US20030187194A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Par, James  
; APPLICANT: Paoli, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830P1C32  
; CURRENT APPLICATION NUMBER: US/10/013.912A

/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-909A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACACGCGCTCAGTCCCG 640  
Db 20 TAAACAGCGCTCAGTCTGT 1

## RESULT 314

US-10-013-910A-447/c  
/ Sequence 447, Application US/10013910A  
/ Publication No. US20030187192A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Baker, Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnoyers, Luc  
/ APPLICANT: Eaton, Dan I.  
/ APPLICANT: Ferrara, Napoleone  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Gao, Wei-Qiang  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Grimaldi, Christopher J.  
/ APPLICANT: Gurney, Austin L.  
/ APPLICANT: Hillan, Kenneth J.  
/ APPLICANT: Pan, James  
/ APPLICANT: Paoni, Nicholas F.  
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
/ TITLE OF INVENTION: Acids Encoding the Same  
/ FILE REFERENCE: P2830PIC33  
/ CURRENT APPLICATION NUMBER: US/10/013.910A  
/ CURRENT FILING DATE: 2002-06-25  
/ Prior Application removed - See File Wrapper or Palm  
/ NUMBER OF SEQ ID NOS: 477  
/ SEQ ID NO 447  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-910A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACACGCGCTCAGTCCCG 640  
Db 20 TAAACAGCGCTCAGTCTGT 1

## RESULT 315

US-10-013-911A-447/c  
/ Sequence 447, Application US/10013911A  
/ Publication No. US20030187193A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Baker, Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnoyers, Luc  
/ APPLICANT: Eaton, Dan I.  
/ APPLICANT: Ferrara, Napoleone  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Gao, Wei-Qiang  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Grimaldi, Christopher J.  
/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Hillan, Kenneth J.  
/ APPLICANT: Pan, James  
/ APPLICANT: Paoni, Nicholas F.  
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
/ TITLE OF INVENTION: Acids Encoding the Same  
/ FILE REFERENCE: P2830PIC33  
/ CURRENT APPLICATION NUMBER: US/10/013.911A  
/ CURRENT FILING DATE: 2001-12-10  
/ PRIOR APPLICATION NUMBER: 60/098716  
/ PRIOR FILING DATE: 1998-09-01  
/ PRIOR APPLICATION NUMBER: 60/098723  
/ PRIOR FILING DATE: 1998-09-01  
/ PRIOR APPLICATION NUMBER: 60/098749  
/ PRIOR FILING DATE: 1998-09-01  
/ PRIOR APPLICATION NUMBER: 60/098750  
/ PRIOR FILING DATE: 1998-09-01  
/ PRIOR APPLICATION NUMBER: 60/098803  
/ PRIOR FILING DATE: 1998-09-02  
/ PRIOR APPLICATION NUMBER: 60/098821  
/ PRIOR FILING DATE: 1998-09-02  
/ PRIOR APPLICATION NUMBER: 60/098843  
/ PRIOR FILING DATE: 1998-09-02  
/ PRIOR APPLICATION NUMBER: 60/099536  
/ PRIOR FILING DATE: 1998-09-09  
/ PRIOR APPLICATION NUMBER: 60/099596  
/ PRIOR FILING DATE: 1998-09-09  
/ PRIOR APPLICATION NUMBER: 60/099598  
/ PRIOR FILING DATE: 1998-09-09  
/ PRIOR APPLICATION NUMBER: 60/099602  
/ PRIOR FILING DATE: 1998-09-09  
/ PRIOR APPLICATION NUMBER: 60/099642  
/ PRIOR FILING DATE: 1998-09-09  
/ PRIOR APPLICATION NUMBER: 60/099741  
/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099754  
/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099763  
/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099792  
/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099808  
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/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099815  
/ PRIOR FILING DATE: 1998-09-10  
/ PRIOR APPLICATION NUMBER: 60/099816  
/ PRIOR FILING DATE: 1998-09-10  
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/ PRIOR FILING DATE: 1998-09-15  
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/ PRIOR FILING DATE: 1998-09-15  
/ PRIOR APPLICATION NUMBER: 60/100390  
/ PRIOR FILING DATE: 1998-09-15  
/ PRIOR APPLICATION NUMBER: 60/100584  
/ PRIOR FILING DATE: 1998-09-16  
/ PRIOR APPLICATION NUMBER: 60/100627  
/ PRIOR FILING DATE: 1998-09-16  
/ PRIOR APPLICATION NUMBER: 60/100651  
/ PRIOR FILING DATE: 1998-09-16  
/ PRIOR APPLICATION NUMBER: 60/100662  
/ PRIOR FILING DATE: 1998-09-16  
/ PRIOR APPLICATION NUMBER: 60/100664  
/ PRIOR FILING DATE: 1998-09-16  
/ PRIOR APPLICATION NUMBER: 60/100683  
/ PRIOR FILING DATE: 1998-09-17  
/ PRIOR APPLICATION NUMBER: 60/100684  
/ PRIOR FILING DATE: 1998-09-17  
/ PRIOR APPLICATION NUMBER: 60/100710  
/ PRIOR FILING DATE: 1998-09-17  
/ PRIOR APPLICATION NUMBER: 60/100711  
/ PRIOR FILING DATE: 1998-09-17  
/ PRIOR APPLICATION NUMBER: 60/100848

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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC29
; CURRENT APPLICATION NUMBER: US/10/012,137A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACGAGCGCTCAGTCCCG 640
Db      20 TAAACGAGCGCTCAGTCTG 1

RESULT 311
US-10-012-752A-447/c
; Sequence 447, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACGAGCGCTCAGTCCCG 640
Db      20 TAAACGAGCGCTCAGTCTG 1

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1998-09-24  
PRIORITY APPLICATION NUMBER: 60/101743  
PRIORITY FILING DATE: 1998-09-24  
PRIORITY APPLICATION NUMBER: 60/101915  
PRIORITY FILING DATE: 1998-09-24  
PRIORITY APPLICATION NUMBER: 60/101916  
PRIORITY FILING DATE: 1998-09-24  
PRIORITY APPLICATION NUMBER: 60/102207  
PRIORITY FILING DATE: 1998-09-29  
PRIORITY APPLICATION NUMBER: 60/102240  
PRIORITY FILING DATE: 1998-09-29  
PRIORITY APPLICATION NUMBER: 60/102307  
PRIORITY FILING DATE: 1998-09-29  
PRIORITY APPLICATION NUMBER: 60/102330  
PRIORITY FILING DATE: 1998-09-29  
PRIORITY APPLICATION NUMBER: 60/102331  
PRIORITY FILING DATE: 1998-09-29  
PRIORITY APPLICATION NUMBER: 60/102484  
PRIORITY FILING DATE: 1998-09-30  
PRIORITY APPLICATION NUMBER: 60/102487  
PRIORITY FILING DATE: 1998-09-30  
PRIORITY APPLICATION NUMBER: 60/102570  
PRIORITY FILING DATE: 1998-09-30  
PRIORITY APPLICATION NUMBER: 60/102571  
PRIORITY FILING DATE: 1998-09-30  
PRIORITY APPLICATION NUMBER: 60/102684  
PRIORITY FILING DATE: 1998-10-01  
PRIORITY APPLICATION NUMBER: 60/102687  
PRIORITY FILING DATE: 1998-10-01  
PRIORITY APPLICATION NUMBER: 60/102965  
PRIORITY FILING DATE: 1998-10-02  
PRIORITY APPLICATION NUMBER: 60/103258  
PRIORITY FILING DATE: 1998-10-06  
PRIORITY APPLICATION NUMBER: 60/103314  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103315  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103328  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103395  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103396  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103401  
PRIORITY FILING DATE: 1998-10-07  
PRIORITY APPLICATION NUMBER: 60/103449  
PRIORITY FILING DATE: 1998-10-06  
PRIORITY APPLICATION NUMBER: 60/103633  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/103678  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/103679  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/103711  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/104257  
PRIORITY FILING DATE: 1998-10-14  
PRIORITY APPLICATION NUMBER: 60/104987  
PRIORITY FILING DATE: 1998-10-20  
PRIORITY APPLICATION NUMBER: 60/105000  
PRIORITY FILING DATE: 1998-10-20  
PRIORITY APPLICATION NUMBER: 60/105002  
PRIORITY FILING DATE: 1998-10-20  
PRIORITY APPLICATION NUMBER: 60/105104  
PRIORITY FILING DATE: 1998-10-21  
PRIORITY APPLICATION NUMBER: 60/105169  
PRIORITY FILING DATE: 1998-10-22  
PRIORITY APPLICATION NUMBER: 60/105266  
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PRIORITY APPLICATION NUMBER: 60/105693  
PRIORITY FILING DATE: 1998-10-26  
PRIORITY APPLICATION NUMBER: 60/105694  
PRIORITY FILING DATE: 1998-10-26

1998-10-27  
PRIORITY APPLICATION NUMBER: 60/105807  
PRIORITY FILING DATE: 1998-10-27  
PRIORITY APPLICATION NUMBER: 60/105881  
PRIORITY FILING DATE: 1998-10-27  
PRIORITY APPLICATION NUMBER: 60/105882  
PRIORITY FILING DATE: 1998-10-27  
PRIORITY APPLICATION NUMBER: 60/106023  
PRIORITY FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
DB 20 TAAACAGCGCTCAGTCTGTG 1

RESULT 309

US-10-012-101B-447/c  
Sequence 447, Application US/10012101B  
Publication No. US20030187239A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoli, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC6  
CURRENT APPLICATION NUMBER: US/10/012,101B  
CURRENT FILING DATE: 2001-12-06  
Prior application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-012-101B-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
DB 20 TAAACAGCGCTCAGTCTGTG 1

RESULT 310

US-10-012-137A-447/c  
Sequence 447, Application US/10012137A  
Publication No. US20030187199A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

```
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.le-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCGCG 640
    ||||| ||||| ||||| |||||
Db 20 TAACACGAGCGCTCAGTCCTG 1

RESULT 308
US-10-017-867A-447/c
/ Sequence 447, Application US/10017867A
/ Publication No. US20030180792A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P28301C60
/ CURRENT APPLICATION NUMBER: US/10/017,867A
/ CURRENT FILING DATE: 2001-12-13
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
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/ PRIOR FILING DATE: 1998-09-09
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/ PRIOR APPLICATION NUMBER: 60/099792
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099808
/ PRIOR FILING DATE: 1998-09-10
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/ PRIOR FILING DATE: 1998-09-15
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/ PRIOR FILING DATE: 1998-09-16
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/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100711
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100848
/ PRIOR FILING DATE: 1998-09-18
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/ PRIOR FILING DATE: 1998-09-18
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/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101071
/ PRIOR FILING DATE: 1998-09-18
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/ PRIOR FILING DATE: 1998-09-23
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/ PRIOR FILING DATE: 1998-09-23
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/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101477
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101479
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101738
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101741
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; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; PRIOR FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 307
US-10-012-064A-447/c
; Sequence 447, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC19
; CURRENT APPLICATION NUMBER: US/10/012,064A
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02

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```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/098596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/098598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-253A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 306
US-10-017-306A-447/c
; Sequence 447, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

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; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102240
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102307
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; PRIOR APPLICATION NUMBER: 60/102330
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
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; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102584
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
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; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27

; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACGAGCGCTCAGTCCCG 640
Db 20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 304
US-10-015-392A-447/c
; Sequence 447, Application US/10015392A
; Publication No. US20030166901A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C58
; CURRENT APPLICATION NUMBER: US/10/015,392A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-392A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACGAGCGCTCAGTCCCG 640
Db 20 TAAACAAGCGCTCAGTCTCTG 1

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; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-447

Query Match      1.48; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAACACGCGCTCAGTCTG 1

RESULT 303
US-10-006-172A-447/c
; Sequence 447, Application US/10006172A
; Publication No. US20030153000A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C11
; CURRENT APPLICATION NUMBER: US/10/006.172A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
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; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-10
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; PRIOR APPLICATION NUMBER: 60/099815
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; PRIOR FILING DATE: 1998-09-16
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; PRIOR FILING DATE: 1998-09-16
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; PRIOR APPLICATION NUMBER: 60/100848
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; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
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; PRIOR FILING DATE: 1998-09-18
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; PRIOR FILING DATE: 1998-09-18
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; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
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; PRIOR APPLICATION NUMBER: 60/101743
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; PRIOR APPLICATION NUMBER: 60/101916
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; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105002  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105104  
; PRIOR FILING DATE: 1998-10-21  
; PRIOR APPLICATION NUMBER: 60/105169  
; PRIOR FILING DATE: 1998-10-22  
; PRIOR APPLICATION NUMBER: 60/105266  
; PRIOR FILING DATE: 1998-10-22  
; PRIOR APPLICATION NUMBER: 60/105693  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105694  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105807  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 621 TCAACGAGCGCTCAGTCCCG 640  
DB 20 TAAACGAGCGCTCAGTCTCTG 1  
RESULT 299  
US-10-175-492-15  
; Sequence 15, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES  
; FILE REFERENCE: RTS-0435  
; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-175-492-15  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 843 AGAACACAGCCCCCACTGG 862  
DB 1 AGAACGAGCGCGCACTGG 20  
RESULT 300  
US-10-175-492-93/c  
; Sequence 93, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES  
; FILE REFERENCE: RTS-0435  
; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 93  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-175-492-93  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 AGAACACAGCCCCCACTGG 862  
DB 20 AGAACGAGCGCGCACTGG 1  
RESULT 301  
US-10-015-387A-447/c  
; Sequence 447, Application US/10015387A  
; Publication No. US20030135034A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC54  
; CURRENT APPLICATION NUMBER: US/10/015,387A  
; CURRENT FILING DATE: 2001-12-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-387A-447  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 621 TCAACGAGCGCTCAGTCCCG 640  
DB 20 TAAACGAGCGCTCAGTCTCTG 1  
RESULT 302  
US-10-006-130A-447/c  
; Sequence 447, Application US/10006130A  
; Publication No. US20030148375A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC7  
; CURRENT APPLICATION NUMBER: US/10/006,130A  
; CURRENT FILING DATE: 2002-03-19

PRIOR APPLICATION NUMBER:	60/101474
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101475
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101476
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101477
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101479
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101738
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101741
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101743
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101915
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PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102331
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102484
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102684
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102687
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103314
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
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PRIOR APPLICATION NUMBER:	60/103395
PRIOR FILING DATE:	1998-10-07
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PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103678
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103711
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/104257
PRIOR FILING DATE:	1998-10-14
PRIOR APPLICATION NUMBER:	60/104987
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105000

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Db      1  AAAAAAAAAAAAAAAAAA 17
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RESULT 295
US-09-828-034-14
; Sequence 14, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Feitzi, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-14
Query Match      1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
||||| |||||||
DB      1  AAAAAAAAAAAAAAAAAA 17
||||| |||||||
RESULT 296
US-10-418-182-106/c
; Sequence 106, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-106
Query Match      1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
||||| |||||||
DB      21  AAAAAAAAAAGMAAAAAA 5
||||| |||||||
RESULT 297
US-10-015-593-2/c
; Sequence 2, Application US/10015593
; Publication No. US20020090636A1
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; LOCATION: (1)...(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-015-593-2
Query Match      1.4%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.6e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAAAAAAAAAAAAA 1098
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DB      16  BAAAAAAAAAAAAAAAAA 1
||||| |||||||
RESULT 298
US-09-946-374-447/c
; Sequence 447, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Fan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; OTHER INFORMATION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821

```

APPLICANT:	COOP, Ben F.	TITLE OF INVENTION:	DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
NUMBER OF SEQUENCES:	1279		
CORRESPONDENCE ADDRESS:			
ADDRESSEE:	Seed and Berry LLP		
STREET:	6300 Columbia Center, 701 Fifth Avenue		
CITY:	Seattle		
STATE:	Washington		
COUNTRY:	US		
ZIP:	98104-7092		
COMPUTER READABLE FORM:			
MEDIUM TYPE:	Floppy disk		
COMPUTER:	IBM PC compatible		
OPERATING SYSTEM:	PC-DOS/MS-DOS		
SOFTWARE:	PatentIn Release #1.0, Version #1.25		
CURRENT APPLICATION DATA:			
APPLICATION NUMBER:	US/09/263,959		
FILING DATE:	05-MAR-1999		
CLASSIFICATION:			
ATTORNEY/AGENT INFORMATION:			
NAME:	McMasters, David D.		
REGISTRATION NUMBER:	33,963		
REFERENCE/DOCKET NUMBER:	920010.426C2		
TELECOMMUNICATION INFORMATION:			
TELEPHONE:	(206) 622-4900		
TELEFAX:	(206) 682-6031		
INFORMATION FOR SEQ ID NO:	849:		
SEQUENCE CHARACTERISTICS:			
LENGTH:	20 base pairs		
TYPE:	nucleic acid		
STRANDEDNESS:	single		
TOPOLOGY:	linear		
US-09-263-959-849			
Query Match	1.4%;	Score 15.4;	DB 1; Length 20;
Best Local Similarity	94.1%;	Pred. NO. 2.8e+02;	
Matches	16;	Conservative	0; Mismatches 1; Indels 0; Gaps 0;
QY	1084	AAAAAAAAAAAAAAAAAAAA	1100
DB	1	AAAAAAAAAAAAAAAAAAAA	17
RESULT 294			
US-10-154-890-4			
Sequence 4,	Application US/10154890		
Publication No.	US20030180734A1		
GENERAL INFORMATION:			
APPLICANT:	Buchardt, Ole		
APPLICANT:	Egholm, Michael		
APPLICANT:	Nielsen, Peter Eiril		
APPLICANT:	Berg, Rolf Henrik		
TITLE OF INVENTION:	Peptide Nucleic Acids		
FILE REFERENCE:	ISIS0540		
CURRENT APPLICATION NUMBER:	US/10/154,890		
PRIOR FILING DATE:	2002-05-23		
PRIOR APPLICATION NUMBER:	US/08/108,591		
PRIOR FILING DATE:	2001-08-13		
NUMBER OF SEQ ID NOS:	43		
SOFTWARE:	PatentIn version 3.1		
SEQ ID NO 4			
LENGTH:	20		
TYPE:	DNA		
ORGANISM:	Artificial Sequence		
FEATURE:			
OTHER INFORMATION:	No. US20030180734A1e1 Sequence		
US-10-154-890-4			
Query Match	1.4%;	Score 15.4;	DB 1; Length 20;
Best Local Similarity	94.1%;	Pred. NO. 2.8e+02;	
Matches	16;	Conservative	0; Mismatches 1; Indels 0; Gaps 0;
QY	1084	AAAAAAAAAAAAAAAAAAAA	1100
DB	1	AAAAAAAAAAAAAAAAAAAA	17
RESULT 293			
US-09-263-959-849			
Sequence 849,	Application US/09263959		
Patent No.	US20020150891A1		
GENERAL INFORMATION:			
APPLICANT:	Hood, Leroy E.		
APPLICANT:	Rowen, Lee		

```

; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-94

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAA 1013
DB 1 TGGGAGGCTGAGGCAAGAGAA 22

RESULT 287
US-09-770-107-92/c
; Sequence 92, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; FILE REFERENCE: 3322/0401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-92

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1030 GCGTGGCTTCTAGTAGGCT 1051
DB 22 GCGTAGACTTCACAGTGGCT 1

RESULT 288
US-10-353-150-90
; Sequence 90, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```

; OTHER INFORMATION: PCR primer
US-10-353-150-90

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAA 1013
DB 1 TGGGAGGCTGAGGCAAGAGAA 22

RESULT 289
US-10-353-150-94
; Sequence 94, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-94

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAA 1013
DB 1 TGGGAGGCTGAGGCAAGAGAA 22

RESULT 290
US-10-156-306-521/c
; Sequence 521, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-521

Query Match      1.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 17 AAAAAAAAAAAAAAAAAA 1

```



```
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACTATTAAAAA 1094
      ||||| ||||| |||||
Db      4 CAACTCGTAAAAA 22

RESULT 284
US-10-008-978-73
; Sequence 73, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
```

```
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-73

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACTATTAAAAA 1094
      ||||| ||||| |||||
Db      4 CAACTCGTAAAAA 22

RESULT 285
US-09-918-686-90
; Sequence 90, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-90

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      992 TCGAAGCTCTGAGCTGGAGAT 1013
      ||||| ||||| ||||| |||||
Db      1 TGGGAGGCTGAGGCAAGAGAT 22

RESULT 286
US-09-918-686-94
; Sequence 94, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
```

```

; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-43

Query Match. 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
| | | | | | | | | |
Db 4 CAACTCGTAAAAA 22

RESULT 283
US-10-008-978-46
; Sequence 46, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-26
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11

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```
RESULT 279
US-10-266-983-43
; Sequence 43, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
|||||
Db 4 CAACTCGTAAAAA 22

RESULT 281
US-10-266-983-73
; Sequence 73, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
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RESULT 280
US-10-266-983-46
; Sequence 46, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
|||||
Db 4 CAACTCGTAAAAA 22

RESULT 280
US-10-266-983-46
; Sequence 46, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
```

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094  
|||  
Db 4 CAACTCGTAAAAA 22

RESULT 276

US-10-106-749-3/C  
; Sequence 3, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Inscent, Inc.  
; APPLICANT: Woods, Daniel  
; APPLICANT: Dimiratos, Spiros  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS  
; TITLE OF INVENTION: INVOLVED IN OLFACTORY AND IDENTIFYING ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-3

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Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
```

Qy 1080 TATTAATAAAAAAAAAA 1098  
| | | | | | | | | |  
Db 19 TGTCAAAAAAAAAA 1

## RESULT 277

US-10-410-324-43  
Sequence 43, Application US/10410324  
Publication No. US20030180783A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Eighanlian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-126  
CURRENT APPLICATION NUMBER: US/10/410,324  
CURRENT FILING DATE: 2003-04-09  
PRIOR APPLICATION NUMBER: 09/961,949  
PRIOR FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783

```

; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/300,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-410-324-43

```

```

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No.2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels

QY      1076  CAACCTATTAAAAA 1094
          |||||
Db       4      CAACTCGTAAAAA 22
          |||||

```

## RESITT, T 278

US-10-410-324-46  
; Sequence 46, Application US/10410324  
; Publication No. US20030180783A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghamian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00713-129  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949

```

, PRIOR APPLICATION NUMBER: 09/503,830
, PRIOR FILING DATE: 2000-06-26
, PRIOR APPLICATION NUMBER: 09/344,667
, PRIOR FILING DATE: 1993-06-25
, PRIOR APPLICATION NUMBER: 09/240,755
, PRIOR FILING DATE: 1993-01-29
, PRIOR APPLICATION NUMBER: PCT/US97/12783
, PRIOR FILING DATE: 1997-07-21
, PRIOR APPLICATION NUMBER: 60/031,809
, PRIOR FILING DATE: 1995-07-29
, PRIOR APPLICATION NUMBER: 60/200,161
, PRIOR FILING DATE: 2000-04-26
, NUMBER OF SEQ ID NOS: 84
, SOFTWARE: Microsoft word 2000
, SEQ ID NO 46
, LENGTH: 22
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence
, OTHER INFORMATION: synthetic sequence
US-10-410-324-46

```

```

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Freq: No. 2.6e-02;
Matches 17; Conservative 0; Mismatches 2; Indels

QY      1076  CAACTATTAAAAAAAAAAAA 1094
          |||||
DB       4    CAACTCGTAAAAAAAAAAAA 22
          |||||

```

```

; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    ||||| |||||
Db 4 CAACTCGTAAAAA 22

RESULT 273
US-09-975-059A-46
; Sequence 46, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-07-21
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    ||||| |||||
Db 4 CAACTCGTAAAAA 22

RESULT 274
US-09-975-059A-43
; Sequence 43, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    ||||| |||||
Db 4 CAACTCGTAAAAA 22

RESULT 275
US-09-976-968A-46
; Sequence 46, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    ||||| |||||
Db 4 CAACTCGTAAAAA 22

RESULT 276
US-09-976-968A-43
; Sequence 43, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-43
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-863A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 270  
US-09-976-601A-43  
Sequence 43, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-115  
CURRENT APPLICATION NUMBER: US/09/976,601A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 272  
US-09-975-059A-43  
Sequence 43, Application US/09975059A  
Publication No. US20030143538A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-115  
CURRENT APPLICATION NUMBER: US/09/975,059A  
PRIOR FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-43

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-863A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 270  
US-09-976-601A-43  
Sequence 43, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-115  
CURRENT APPLICATION NUMBER: US/09/976,601A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-43  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 271  
US-09-976-601A-46  
Sequence 46, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchhoff, James J.  
APPLICANT: Elghanian, Robert

```
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-957-313A-43
```

```
Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1076 CAACCTATTAAAAA 1094
|||||
DB 4 CAACCTGTAATAAAAAA 22
```

## RESULT 267

```
US-09-957-313A-46
/ Sequence 46, Application US/09957313A
/ Publication No. US20030059777A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-13
/ CURRENT APPLICATION NUMBER: US/09/957,313A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-957-313A-46
```

```
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-119
/ CURRENT APPLICATION NUMBER: US/09/976,863A
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-863A-43
```

```
Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1076 CAACCTATTAAAAA 1094
|||||
DB 4 CAACCTGTAATAAAAAA 22
```

## RESULT 269

```
US-09-976-863A-46
/ Sequence 46, Application US/09976863A
/ Publication No. US20030068622A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-119
/ CURRENT APPLICATION NUMBER: US/09/976,863A
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-957-313A-46
```

```
Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1076 CAACCTATTAAAAA 1094
|||||
DB 4 CAACCTGTAATAAAAAA 22
```

## RESULT 268

```
US-09-976-863A-43
/ Sequence 43, Application US/09976863A
/ Publication No. US20030068622A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
```

```

; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 264
US-09-975-376A-43
; Sequence 43, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 265
US-09-975-376A-46
; Sequence 46, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.

```

```

; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 266
US-09-957-313A-43
; Sequence 43, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; PRIOR FILING DATE: 2002-03-05
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1997-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43

```



```

; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-43
```

```

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY 1076 CAACTATTAAAAA 1094
      |||||
Db 4 CAACTCGTA 22
```

```

RESULT 261
US-09-957-318A-46
; Sequence 46, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-46
```

```

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
      |||||
Db 4 CAACTCGTA 22

RESULT 262
US-09-974-500A-43
; Sequence 43, Application US/09974500A
; Publication No. US20030049631A1
```

```

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY 1076 CAACTATTAAAAA 1094
      |||||
Db 4 CAACTCGTA 22
```

```

RESULT 262
US-09-974-500A-43
; Sequence 43, Application US/09974500A
; Publication No. US20030049631A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-43
```

```

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY 1076 CAACTATTAAAAA 1094
      |||||
Db 4 CAACTCGTA 22
```

```

RESULT 263
US-09-974-500A-46
; Sequence 46, Application US/09974500A
; Publication No. US20030049631A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
```

```

; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 258
US-09-981-344-43
; Sequence 43, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; PRIOR FILING DATE: 2002-03-05
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-981-344-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 259
US-09-981-344-46
```

```

; Sequence 46, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; PRIOR FILING DATE: 2002-03-05
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-981-344-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 260
US-09-957-318A-43
; Sequence 43, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; PRIOR FILING DATE: 2002-03-05
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
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RESULT 256  
US-09-820-279B-43  
; Sequence 43, Application US/09820279B  
; Publication No. US20030022169A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-1085-A  
; CURRENT APPLICATION NUMBER: US/09/820,279B  
; CURRENT FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-971A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CCACTATTAAAAA 1094  
|||||  
DB 4 CAACTCGTAAAAA 22

RESULT 255  
US-09-976-971A-46  
; Sequence 46, Application US/09976971A  
; Publication No. US20020182613A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-118  
; CURRENT APPLICATION NUMBER: US/09/976,971A  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-971A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CCACTATTAAAAA 1094  
|||||  
DB 4 CAACTCGTAAAAA 22

RESULT 256  
US-09-820-279B-43  
; Sequence 43, Application US/09820279B  
; Publication No. US20030022169A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-1085-A  
; CURRENT APPLICATION NUMBER: US/09/820,279B  
; CURRENT FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-820-279B-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CCACTATTAAAAA 1094  
|||||  
DB 4 CAACTCGTAAAAA 22

RESULT 257  
US-09-820-279B-46  
; Sequence 46, Application US/09820279B  
; Publication No. US20030022169A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-1085-A  
; CURRENT APPLICATION NUMBER: US/09/820,279B  
; CURRENT FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809

; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 60/224,631  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/254,392  
; PRIOR FILING DATE: 2000-12-08  
; PRIOR APPLICATION NUMBER: 60/255,235  
; PRIOR FILING DATE: 2000-12-11  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 73  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-927-777A-73  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22  
RESULT 252  
US-09-966-491A-43  
; Sequence 43, Application US/09966491A  
; Publication No. US20020182611A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-14  
; CURRENT APPLICATION NUMBER: US/09/966,491A  
; CURRENT FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-966-491A-43  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22  
RESULT 253  
US-09-966-491A-46  
; Sequence 46, Application US/09966491A  
; Publication No. US20020182611A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-14  
; CURRENT APPLICATION NUMBER: US/09/966,491A  
; CURRENT FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-966-491A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22  
RESULT 254  
US-09-976-971A-43  
; Sequence 43, Application US/09976971A  
; Publication No. US20020182613A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-118  
; CURRENT APPLICATION NUMBER: US/09/976,971A  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783

RESULT 253  
US-09-966-491A-46  
; Sequence 46, Application US/09966491A  
; Publication No. US20020182611A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-14  
; CURRENT APPLICATION NUMBER: US/09/966,491A  
; CURRENT FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-966-491A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22  
RESULT 254  
US-09-976-971A-43  
; Sequence 43, Application US/09976971A  
; Publication No. US20020182613A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-118  
; CURRENT APPLICATION NUMBER: US/09/976,971A  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783

; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 43  
 ; LENGTH: 22  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 US-09-927-777A-43  
  
 Query Match 1.4%; Score 15.8; DB 1; Length 22;  
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
 QY 1076 CAACTATTAAAAA 1094  
 DB 4 CAACTCGTAAAAA 22  
  
 RESULT 250  
 US-09-927-777A-46  
 ; Sequence 46, Application US/09927777A  
 ; Patent No. US20020172953A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghanian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-653-A  
 ; CURRENT APPLICATION NUMBER: US/09/927,777A  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906

; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 46  
 ; LENGTH: 22  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 US-09-927-777A-46  
  
 Query Match 1.4%; Score 15.8; DB 1; Length 22;  
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
 QY 1076 CAACTATTAAAAA 1094  
 DB 4 CAACTCGTAAAAA 22  
  
 RESULT 251  
 US-09-927-777A-73  
 ; Sequence 73, Application US/09927777A  
 ; Patent No. US20020172953A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghanian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-653-A  
 ; CURRENT APPLICATION NUMBER: US/09/927,777A  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906

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; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 247
US-09-966-312-43
; Sequence 43, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 248
US-09-966-312-46
; Sequence 46, Application US/09966312
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; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 249
US-09-927-777A-43
; Sequence 43, Application US/0992777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
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; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-43

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 244
US-09-976-378A-46
; Sequence 46, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-46

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 245
US-09-976-378A-46
; Sequence 46, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
```

;; PRIOR APPLICATION NUMBER: PCT/US97/12783  
;; PRIOR FILING DATE: 1997-07-21  
;; PRIOR APPLICATION NUMBER: 60/031,809  
;; PRIOR FILING DATE: 1996-07-29  
;; PRIOR APPLICATION NUMBER: 60/200,161  
;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 46  
;; LENGTH: 22  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:random  
;; OTHER INFORMATION: synthetic sequence  
US-09-967-409A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
|||||  
DB 4 CAACCTGTA 22

RESULT 241

US-09-975-062A-43  
;; Sequence 43, Application US/09975062A  
;; Patent No. US20020155459A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Mirkin, Chad A.  
;; APPLICANT: Letsinger, Robert L.  
;; APPLICANT: Mucic, Robert C.  
;; APPLICANT: Storhoff, James J.  
;; APPLICANT: Elghanian, Robert  
;; APPLICANT: Taton, Thomas A.  
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
;; TITLE OF INVENTION: AND USES THEREFOR  
;; FILE REFERENCE: 00-713-111  
;; CURRENT APPLICATION NUMBER: US/09/975,062A  
;; PRIOR FILING DATE: 2001-10-11  
;; PRIOR APPLICATION NUMBER: 09/603,830  
;; PRIOR FILING DATE: 2000-06-26  
;; PRIOR APPLICATION NUMBER: 09/344,667  
;; PRIOR FILING DATE: 1999-06-25  
;; PRIOR APPLICATION NUMBER: 09/240,755  
;; PRIOR FILING DATE: 1999-01-29  
;; PRIOR APPLICATION NUMBER: PCT/US97/12783  
;; PRIOR FILING DATE: 1997-07-21  
;; PRIOR APPLICATION NUMBER: 60/031,809  
;; PRIOR FILING DATE: 1996-07-29  
;; PRIOR APPLICATION NUMBER: 60/200,161  
;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 43  
;; LENGTH: 22  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:random  
;; OTHER INFORMATION: synthetic sequence  
US-09-975-062A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
|||||  
DB 4 CAACCTGTA 22

RESULT 242

US-09-975-062A-46  
;; Sequence 46, Application US/09975062A  
;; Patent No. US20020155459A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Mirkin, Chad A.  
;; APPLICANT: Letsinger, Robert L.  
;; APPLICANT: Mucic, Robert C.  
;; APPLICANT: Storhoff, James J.  
;; APPLICANT: Elghanian, Robert  
;; APPLICANT: Taton, Thomas A.  
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
;; TITLE OF INVENTION: AND USES THEREFOR  
;; FILE REFERENCE: 00-713-111  
;; CURRENT APPLICATION NUMBER: US/09/975,062A  
;; CURRENT FILING DATE: 2001-10-11  
;; PRIOR APPLICATION NUMBER: 09/603,830  
;; PRIOR FILING DATE: 2000-06-26  
;; PRIOR APPLICATION NUMBER: 09/344,667  
;; PRIOR FILING DATE: 1999-06-25  
;; PRIOR APPLICATION NUMBER: 09/240,755  
;; PRIOR FILING DATE: 1999-01-29  
;; PRIOR APPLICATION NUMBER: PCT/US97/12783  
;; PRIOR FILING DATE: 1997-07-21  
;; PRIOR APPLICATION NUMBER: 60/031,809  
;; PRIOR FILING DATE: 1996-07-29  
;; PRIOR APPLICATION NUMBER: 60/200,161  
;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 46  
;; LENGTH: 22  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:random  
;; OTHER INFORMATION: synthetic sequence  
US-09-975-062A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
|||||  
DB 4 CAACCTGTA 22

RESULT 243

US-09-976-378A-43  
;; Sequence 43, Application US/09976378A  
;; Patent No. US20020155461A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Mirkin, Chad A.  
;; APPLICANT: Letsinger, Robert L.  
;; APPLICANT: Mucic, Robert C.  
;; APPLICANT: Storhoff, James J.  
;; APPLICANT: Elghanian, Robert  
;; APPLICANT: Taton, Thomas A.  
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
;; TITLE OF INVENTION: AND USES THEREFOR  
;; FILE REFERENCE: 00-713-125  
;; CURRENT APPLICATION NUMBER: US/09/976,378A  
;; CURRENT FILING DATE: 2002-03-05  
;; PRIOR APPLICATION NUMBER: 09/603,830  
;; PRIOR FILING DATE: 2000-06-26  
;; PRIOR APPLICATION NUMBER: 09/344,667  
;; PRIOR FILING DATE: 1999-06-25  
;; PRIOR APPLICATION NUMBER: 09/240,755  
;; PRIOR FILING DATE: 1999-01-29  
;; PRIOR APPLICATION NUMBER: PCT/US97/12783  
;; PRIOR FILING DATE: 1997-07-21

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
|||||  
DB 4 CAACCTGTA 22



[illegible]

```

Db      4  CAACTCGTAAAAA 22

RESULT 239
US-09-967-409A-43
; Sequence 43, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Tatton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076  CAACTATTAAAAA 1094
        |||||
        4  CAACTCGTAAAAA 22

Db

RESULT 240
US-09-967-409A-46
; Sequence 46, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Tatton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29

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QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 236  
US-09-961-949A-46  
; Sequence 46, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-617A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 235  
US-09-961-949A-43  
; Sequence 43, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-961-949A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 236  
US-09-961-949A-46  
; Sequence 46, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-961-949A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 237  
US-09-760-500A-43  
; Sequence 43, Application US/09760500A  
; Patent No. US20020155442A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-715-A  
; CURRENT APPLICATION NUMBER: US/09/760,500A  
; PRIOR FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25

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; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACTCGTAAAAAAA 22

RESULT 232
US-09-974-007-46
; Sequence 46, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACTCGTAAAAAAA 22

RESULT 233
US-09-976-617A-43
; Sequence 43, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACTCGTAAAAAAA 22

RESULT 234
US-09-976-617A-46
; Sequence 46, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26

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; CURRENT APPLICATION NUMBER: US/09/973,788A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-973-788A-46

```

```
Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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RESULT 229  
US-09-973-638A-43  
; Sequence 43, Application US/09973638A  
; Patent No. US20020137070A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghariani, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR

```

/ CURRENT APPLICATION NUMBER: US/09/973,638A
/ CURRENT FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
/ US-09-973-638A-43

```

```

Query Match      1.4%;   Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. NO. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1075 CCACTATTAAAAA AAAA 1094
          ||| ||||| |||||
DB       4 CCACTCGTAAAAA AAAA 22

RESULT 230
US-09-973-638A-46
; Sequence 46, Application US/09973638A
; Patent No. US20020137070A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-973-638A-46

```

```
Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. NO. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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RESULT 231  
US-09-974-007-43  
; Sequence 43, Application US/09974007  
; Patent No. US20020137071A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-713-18  
; CURRENT APPLICATION NUMBER: US/09/974,007  
; CURRENT FILING DATE: 2002-03-12

APPLICANT: Schumm, James W.  
Bacher, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS

NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 144  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 144

US-09-784-423-144  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGGAGATGGGAG 1019  
DB 20 GAGGCTGGGAGATGGGAG 2

RESULT 226  
US-09-998-936-1  
; Sequence 1, Application US/09998936  
; Patent No. US20020125214N1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Park, So-Jung  
; APPLICANT: Rongchao, Jin  
; TITLE OF INVENTION: SILVER STAIN REMOVAL BY CHEMICAL ETCHING AND SONICATION  
; FILE REFERENCE: 00-1124-A  
; CURRENT APPLICATION NUMBER: US/09/998,936  
; CURRENT FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 60/251,715  
; PRIOR FILING DATE: 2000-12-06  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 1  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence

US-09-998-936-1

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094  
DB 4 CAACCTGTAATAAAAAA 22

RESULT 227  
US-09-973-788A-43  
; Sequence 43, Application US/09973788A  
; Patent No. US20020127574A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elgharian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-110  
; CURRENT APPLICATION NUMBER: US/09/973,788A  
; CURRENT FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence

US-09-973-788A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094  
DB 4 CAACCTGTAATAAAAAA 22

RESULT 228  
US-09-973-788A-46  
; Sequence 46, Application US/09973788A  
; Patent No. US20020127574A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elgharian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-110

GENERAL INFORMATION:  
; APPLICANT: Kaufman, Joseph C.  
; APPLICANT: Roth, Matthew B.  
; APPLICANT: Lizardi, Paul M.  
; APPLICANT: Feng, Li  
; APPLICANT: Latimer, Darin R.  
; TITLE OF INVENTION: Binary Encoded Sequence Tags  
; FILE REFERENCE: AGL 100  
; CURRENT APPLICATION NUMBER: US/09/994,311  
; CURRENT FILING DATE: 2001-11-26  
; PRIOR APPLICATION NUMBER: US/09/637,751  
; PRIOR FILING DATE: 2000-08-11  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-994-311-6

Query Match 1.5%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
Db 16 AAAAAAAAAAAAAA 1

RESULT 222  
US-10-333-461-18/c  
; Sequence 18, Application US/10333461  
; Publication No. US20030165952A1  
; GENERAL INFORMATION:  
; APPLICANT: Global Genomics AB  
; APPLICANT: Linnarsson, Sten  
; APPLICANT: Ernfors, Patrik  
; APPLICANT: Bauren, Goran  
; TITLE OF INVENTION: Methods for analysis and identification of transcribed  
; FILE REFERENCE: smwfp5941752  
; CURRENT APPLICATION NUMBER: US/10/333,461  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: GB 0018016.6  
; PRIOR FILING DATE: 2000-07-21  
; PRIOR APPLICATION NUMBER: US 60/219,925  
; PRIOR FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Double-stranded product DNA  
US-10-333-461-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
Db 16 AAAAAAAAAAAAAA 1

RESULT 223  
US-10-352-253A-18/c  
; Sequence 18, Application US/10352253A  
; Publication No. US20030175908A1

GENERAL INFORMATION:  
; APPLICANT: Linnarsson, Sten  
; APPLICANT: Ernfors, Patrik  
; APPLICANT: Bauren, Goran  
; APPLICANT: Metsis, Ats  
; APPLICANT: Pihlak, Arno  
; APPLICANT: Montelius, Andreas  
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid  
; FILE REFERENCE: 620-234  
; CURRENT APPLICATION NUMBER: US/10/352,253A  
; CURRENT FILING DATE: 2003-01-28  
; PRIOR APPLICATION NUMBER: US 60/352,215  
; PRIOR FILING DATE: 2002-01-29  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Double-stranded product DNA  
US-10-352-253A-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
Db 16 AAAAAAAAAAAAAA 1

RESULT 224  
US-10-352-255A-18/c  
; Sequence 18, Application US/10352255A  
; Publication No. US20030215839A1  
; GENERAL INFORMATION:  
; APPLICANT: LONNERBERG, Peter  
; APPLICANT: OLDIN, Mats  
; APPLICANT: LINNARSSON, Sten  
; APPLICANT: ERNFORS, Patrik  
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features  
; FILE REFERENCE: 620-235  
; CURRENT APPLICATION NUMBER: US/10/352,255A  
; CURRENT FILING DATE: 2003-01-28  
; PRIOR APPLICATION NUMBER: US 60/352,245  
; PRIOR FILING DATE: 2002-01-29  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Double-stranded product DNA  
US-10-352-255A-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
Db 16 AAAAAAAAAAAAAA 1

RESULT 225  
US-09-784-423-144/c  
; Sequence 144, Application US/09784423  
; Patent No. US20020012924A1  
; GENERAL INFORMATION:

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-730-559B-107

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA... 1098
Db 17 TAAAAA... 2

RESULT 217
US-10-352-255A-24/c
; Sequence 24, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLGIN, Mats
; APPLICANT: LINNARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAA... 1099
Db 16 AAAAAA... 1

RESULT 218
US-10-156-306-523/c
; Sequence 523, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-523

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1082 TAAAAA... 1097
Db 17 TAAAAA... 2

RESULT 219
US-10-156-306-524/c
; Sequence 524, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-524

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TAAAAA... 1097
Db 16 TAAAAA... 1

RESULT 220
US-09-994-311-5/c
; Sequence 5, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew B.
; APPLICANT: Lizzardi, Paul M.
; APPLICANT: Peng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5

Query Match          1.5%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAA... 1099
Db 16 AAAAAA... 1

RESULT 221
US-09-994-311-6/c
; Sequence 6, Application US/09994311
; Publication No. US20030082556A1
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099
Db 16 AAAAAAAAAAAAAA 1

RESULT 213
US-10-309-152A-3/c
; Sequence 3, Application US/10309152A
; Publication No. US20030175759A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi LTD.
; TITLE OF INVENTION: A method for prediction of genes and a method for providing a li
; FILE REFERENCE: H02001031A
; CURRENT APPLICATION NUMBER: US/10/309,152A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: JP 2002-047297
; PRIOR FILING DATE: 2002-02-25
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo-d(T) primer by Nippon Flour Mills
US-10-309-152A-3

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098
Db 17 TAAAAAAAAAAAAA 2

RESULT 214
US-10-352-253A-24/c
; Sequence 24, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnaeus, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bahren, Goran
; APPLICANT: Metsis, Ats
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099
Db 16 AAAAAAAAAAAAAA 1

RESULT 215
US-10-220-373-7/c
; Sequence 7, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadahiyo
; APPLICANT: OBAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SH2-01008
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-7

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098
Db 17 TAAAAAAAAAAAAA 2

RESULT 216
US-09-730-559B-107/c
; Sequence 107, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIKO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGENASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
```



; APPLICANT: Buryakova, Alla  
 ; APPLICANT: Choob, Mikhail  
 ; APPLICANT: Hondorp, Kyle  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
 ; FILE REFERENCE: AM102.P.1.1US  
 ; CURRENT FILING DATE: 2002-02-09  
 ; PRIOR APPLICATION NUMBER: US 60/189,190  
 ; PRIOR FILING DATE: 2000-03-14  
 ; PRIOR APPLICATION NUMBER: US 60/250,334  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: 09/805,296  
 ; PRIOR FILING DATE: 2001-03-13  
 ; PRIOR APPLICATION NUMBER: PCT/US01/0811  
 ; PRIOR FILING DATE: 2001-03-13  
 ; NUMBER OF SEQ ID NOS: 36  
 ; SOFTWARE: Patent in version 3.1  
 ; SEQ ID NO 9  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Construct  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Synthetic Construct  
 US-10-072-975-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 DB 16 AAAAAAAAAAAAAA 1

RESULT 210

US-10-227-001-21/c  
 ; Sequence 21, Application US/10227001  
 ; Publication No. US20030113765A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dempcy, Robert O.  
 ; APPLICANT: Afonina, Irina Aleksandrovna  
 ; APPLICANT: Vermeulen, Nicolaas M.J.  
 ; APPLICANT: Epoch Biosciences, Inc.  
 ; TITLE OF INVENTION: Hybridization-Triggered Fluorescent  
 ; FILE REFERENCE: 17682A-004210US  
 ; CURRENT APPLICATION NUMBER: US/10/227,001  
 ; CURRENT FILING DATE: 2002-08-21  
 ; PRIOR APPLICATION NUMBER: US 09/428,236  
 ; PRIOR FILING DATE: 1993-10-26  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 21  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN  
 ; OTHER INFORMATION: conjugate  
 US-10-227-001-21

Query Match 1.5%; Score 16; DB 1; Length 16;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 DB 16 AAAAAAAAAAAAAA 1

RESULT 211

US-09-090-672B-105/c  
 ; Sequence 105, Application US/09090672B  
 ; Patent No. US20020068707A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Iihwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,  
 ; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,  
 ; APPLICANT: Shigenasa, Rakei, Masami  
 ; TITLE OF INVENTION: Iga Nephropathy-Related Genes  
 ; NUMBER OF SEQUENCES: 111  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto  
 ; STREET: 30 Rockefeller Plaza  
 ; CITY: New York  
 ; STATE: New York  
 ; ZIP: 10112-3801  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
 ; COMPUTER: Compaq PC  
 ; OPERATING SYSTEM: Windows 95  
 ; SOFTWARE: WordPerfect 8.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/090,672B  
 ; FILING DATE: 04-JUNE-1998  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/JP97/04468  
 ; FILING DATE: 05-DEC-1997  
 ; APPLICATION NUMBER: JP-8-325763  
 ; FILING DATE: 05-DEC-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Perry, Lawrence S.  
 ; REGISTRATION NUMBER: 31865  
 ; REFERENCE/DOCKET NUMBER: 766.21  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 218-2100  
 ; TELEFAX: (212) 218-2200  
 ; INFORMATION FOR SEQ ID NO: 105:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid, synthetic DNA  
 US-09-090-672B-105

Query Match 1.5%; Score 16; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098  
 DB 17 TAAAAAAAAAAAAA 2

RESULT 212

US-10-333-461-24/c  
 ; Sequence 24, Application US/10333461  
 ; Publication No. US20030165952A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Global Genomics AB  
 ; APPLICANT: Linnarsson, Sten  
 ; APPLICANT: Ernfors, Patrik  
 ; APPLICANT: Bauren, Goran  
 ; TITLE OF INVENTION: Methods for analysis and identification of transcribed  
 ; FILE REFERENCE: smwfp5941752  
 ; CURRENT APPLICATION NUMBER: US/10/333,461  
 ; CURRENT FILING DATE: 2003-01-21  
 ; PRIOR APPLICATION NUMBER: GB 0018016.6  
 ; PRIOR FILING DATE: 2000-07-21  
 ; PRIOR APPLICATION NUMBER: US 60/219,925  
 ; PRIOR FILING DATE: 2000-07-21  
 ; NUMBER OF SEQ ID NOS: 25

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16

RESULT 207  
US-10-054-295-131  
; Sequence 131, Application US/10054295  
; Publication No. US20030044953A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20030044953A1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/054,295  
; FILING DATE: 18-Jan-2002  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/854,050  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-054-295-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16  
RESULT 208  
US-10-054-611-131

; Sequence 131, Application US/10054611  
; Publication No. US20030059787A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20030059787A1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/054,611  
; FILING DATE: 18-Jan-2002  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/854,050  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-054-611-131  
Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16  
RESULT 209  
US-10-072-975-9/c  
; Sequence 9, Application US/10072975  
; Publication No. US20030059789A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakraborty, Oksana

US-10-208-357-22

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 16 AAAAAAAAAAAAAA 1

RESULT 204

US-10-203-780-9/c

Sequence 9, Application US/10203780  
Publication No. US20030165914A1  
GENERAL INFORMATION:  
APPLICANT: CUZIN, MARC  
APPLICANT: PELTIE, PHILIPPE  
APPLICANT: FONTECAVE, MARC  
APPLICANT: DECOUT, JEAN-LUC  
APPLICANT: DUEYMES, CECILE  
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR  
TITLE OF INVENTION: MARKER  
FILE REFERENCE: 226286USOXFCT  
CURRENT APPLICATION NUMBER: US/10/203,780  
CURRENT FILING DATE: 2002-11-25  
PRIOR APPLICATION NUMBER: PCT/FR01/00516  
PRIOR FILING DATE: 2001-02-22  
PRIOR APPLICATION NUMBER: FR 00 02236  
PRIOR FILING DATE: 2000-02-23  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
NAME/KEY: modified base  
LOCATION: (1)..(1)  
OTHER INFORMATION: t is modified with a covalent linkage to flavin

US-10-203-780-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 16 AAAAAAAAAAAAAA 1

RESULT 205

US-10-208-357-22

Sequence 22, Application US/10208357  
Publication No. US20020182687A1  
GENERAL INFORMATION:  
APPLICANT: Kurz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/10/208,357  
CURRENT FILING DATE: 2002-07-30  
PRIOR APPLICATION NUMBER: US/09/619,103  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA

US-10-208-357-22

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAA 16

RESULT 206

US-10-053-758-131

Sequence 131, Application US/10053758  
Publication No. US20030032075A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. US20030032075A1el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/053,758  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:

US-10-053-758-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;

TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-438-486-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
DB 1 AAAAAAAAAAAAAA 16

## RESULT 201

US-10-008-029-70/c  
Sequence 70, Application US/10008029  
Publication No. US2003013480A1  
GENERAL INFORMATION:  
APPLICANT: WENDEL, JESPER  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/008,029  
CURRENT FILING DATE: 2001-11-05  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-008-029-70

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
DB 1 AAAAAAAAAAAAAA 1

## RESULT 202

US-10-051-436-9/c  
Sequence 9, Application US/10051436  
Publication No. US20030138045A1  
GENERAL INFORMATION:  
APPLICANT: Active Motif  
APPLICANT: Efimov, Vladimir  
APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy  
APPLICANT: Archdeacon, John  
APPLICANT: Chakhmakcheau, Oksana  
APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
APPLICANT: Hondorp, Kyle  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
FILE REFERENCE: AM102.P.1US  
CURRENT APPLICATION NUMBER: US/10/051,436  
CURRENT FILING DATE: 2002-01-18  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Synthetic Construct  
US-10-051-436-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||||  
DB 16 AAAAAAAAAAAAAA 1

## RESULT 203

US-10-208-650-70/c  
Sequence 70, Application US/10208650  
Publication No. US20030144231A1  
GENERAL INFORMATION:  
APPLICANT: WENDEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/208,650  
CURRENT FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US/10/008,029  
PRIOR FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-208-650-70

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-843-676-131

Query Match 1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1099
Db 1 AAAAAAAAAAAAAA 16

RESULT 199
US-09-766-253-131
; Sequence 131, Application US/09766253
; Publication No. US20020187471A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, JOACHIM
; NAKAMURA, TORU
; CHAPMAN, KAREN B.
; MORIN, GREGG B.
; HARLEY, CALVIN
; ANDREWS, WILLIAM H.
; TITLE OF INVENTION: No. US20020187471A1 Telomerase
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/766,253
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,017
; FILING DATE: 1997-04-25
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002920US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-766-253-131

Query Match 1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1099
Db 1 AAAAAAAAAAAAAA 16

RESULT 200
US-09-438-486-131
; Sequence 131, Application US/09438486
; Publication No. US2003009019A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, JOACHIM
; NAKAMURA, TORU
; CHAPMAN, KAREN B.
; MORIN, GREGG B.
; HARLEY, CALVIN
; ANDREWS, WILLIAM H.
; TITLE OF INVENTION: No. US2003009019A1 Telomerase
; NUMBER OF SEQUENCES: 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/438,486
; FILING DATE: 12-NOV-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002931US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
```

APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||  
DB 16 AAAAAAAAAAAAAA 1

## RESULT 196

US-09-152-059-70/c  
Sequence 70, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (711994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||  
DB 16 AAAAAAAAAAAAAA 1

RESULT 197  
US-09-805-296D-9/c  
Sequence 9, Application US/09805296D  
Patent No. US20020155989A1  
GENERAL INFORMATION:

APPLICANT: Active Motif  
APPLICANT: Efimov, Vladimir  
APPLICANT: Fernandez, Joseph  
APPLICANT: Archdeacon, John  
APPLICANT: Archdeacon, John  
APPLICANT: Chakhmakcheau, Oksana  
APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
FILE REFERENCES: AM102.P1US  
CURRENT APPLICATION NUMBER: US/09/805,296D  
CURRENT FILING DATE: 2001-03-13  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc:feature  
OTHER INFORMATION: Synthetic Construct  
US-09-805-296D-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
|||  
DB 16 AAAAAAAAAAAAAA 1

## RESULT 198

US-09-843-676-131  
Sequence 131, Application US/09843676  
Patent No. US20020164786A1  
GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.

TITLE OF INVENTION: No. US20020164786A1el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/843,676  
FILING DATE: 26-Apr-2001  
CLASSIFICATION: 536

; Sequence 1, Application US/09981397A  
; Publication No. US20030082519A1  
; GENERAL INFORMATION:  
; APPLICANT: Axxima Pharmaceuticals AG  
; APPLICANT: Schubart, Daniel  
; APPLICANT: Habenberger, Peter  
; APPLICANT: Stein-Gerlach, Matthias  
; APPLICANT: Bevec, Dorian  
; TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their  
; TITLE OF INVENTION: Inhibition  
; FILE REFERENCE: AXM-004.1 US  
; CURRENT APPLICATION NUMBER: US/09/981.397A  
; CURRENT FILING DATE: 2002-05-28  
; PRIOR APPLICATION NUMBER: 60/240,750  
; PRIOR FILING DATE: 2000-10-16  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 1  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic polyT primer  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (18)..(18)  
; OTHER INFORMATION: n = a,c,g or t  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (17)..(17)  
; OTHER INFORMATION: v = a,g or c  
US-09-981-397A-1  
  
Query Match 1.5%; Score 16.2; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 1.8e+02;  
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1083 TAAAAAATAAAAAA 1099  
Db 17 BAAAAAATAAAAAA 1  
  
RESULT 193  
US-10-103-614A-4  
; Sequence 4, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-MAHMOOD  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103,614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: a, t, c or g  
; NAME/KEY: modified\_base  
; LOCATION: (19)  
; OTHER INFORMATION: a, t, c or g  
US-10-103-614A-4

Query Match 1.5%; Score 16.2; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1.9e+02;  
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAATAAAAAA 1100  
Db 2 VAAAAAATAAAAAA 18  
  
RESULT 194  
US-09-905-674-10  
; Sequence 10, Application US/09905674  
; Publication No. US20030039647A1  
; GENERAL INFORMATION:  
; APPLICANT: Reinhard, Christoph  
; APPLICANT: Garcia, Pablo  
; TITLE OF INVENTION: TETRASPAN PROTEIN AND USES THEREOF  
; FILE REFERENCE: PP-01700.002/200130.521  
; CURRENT APPLICATION NUMBER: US/09/905,674  
; CURRENT FILING DATE: 2001-07-13  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 10  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide sequence  
US-09-905-674-10  
  
Query Match 1.5%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 2.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 530 TCAACGCCCTCTTCGACTC 550  
Db 2 TCAACTCCCTCGCTCGACTC 22  
  
RESULT 195  
US-09-739-928-2/c  
; Sequence 2, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gamber, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/739,928  
; FILING DATE: 11-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/415,370  
; FILING DATE: 03-APR-1995  
; APPLICATION NUMBER: US 09/141,764  
; FILING DATE: 27-AUG-1998

LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert  
US-10-216-122-151

Query Match 1.5%; Score 17; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAA 17

RESULT 189

US-09-752-983-249  
Sequence 249, Application US/09752983  
Patent No. US20010016578A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 249:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

Query Match 1.5%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 AGCTGAGGCTGGAGAAATGG 1015  
Db 1 AGGCTGAGGCGAGGAGATGG 20

RESULT 190

US-10-005-344-249  
Sequence 249, Application US/10005344

Publication No. US20030203862A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia  
APPLICANT: Pamela Nero  
APPLICANT: Mark J. Graham  
APPLICANT: Brett P. Monia  
APPLICANT: Erich Koller  
APPLICANT: Mingyi Chiang  
APPLICANT: Mano Manoharan  
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
FILE REFERENCE: ISPH-0622  
CURRENT APPLICATION NUMBER: US/10/005,344  
CURRENT FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 09/048,810  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: US 09/280,805  
PRIOR FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 379  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 249  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-249

Query Match 1.5%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 AGCTGAGGCTGGAGAAATGG 1015  
Db 1 AGGCTGAGGCGAGGAGATGG 20

RESULT 191

US-09-994-311-7/c  
Sequence 7, Application US/0994311  
Publication No. US20030082556A1  
GENERAL INFORMATION:  
APPLICANT: Kaufman, Joseph C.  
APPLICANT: Roth, Matthew E.  
APPLICANT: Lizardi, Paul M.  
APPLICANT: Feng, Li  
APPLICANT: Latimer, Darin R.  
TITLE OF INVENTION: Binary Encoded Sequence Tags  
FILE REFERENCE: AGL 100  
CURRENT APPLICATION NUMBER: US/09/994,311  
CURRENT FILING DATE: 2001-11-26  
PRIOR APPLICATION NUMBER: US/09/637,751  
PRIOR FILING DATE: 2000-08-11  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-994-311-7

Query Match 1.5%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAAAAA 1099  
Db 18 TGAATAAAAAAAAAAAAAA 1

RESULT 192

US-09-981-397A-1/c





```
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 21
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-371-066-2

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 181
US-10-170-172-2
; Sequence 2, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOWSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: MERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/996,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: u
; LOCATION: (21)
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized
; OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid
; OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
; OTHER INFORMATION: secondary structure
US-10-170-172-2

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 182
US-10-096-221-4
; Sequence 4, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
```

```
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-4

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 2 AAAAAAAAAAAAAAAAAA 18

RESULT 183
US-10-112-653-881/c
; Sequence 881, Application US/10112653
; Publication No. US20030050269A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: COL039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 881
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 21 AAAAAAAAAAAAAAAAAA 5

RESULT 184
US-10-017-995-912/c
; Sequence 912, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 912
```

```

; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/912,014
;   FILING DATE: 24-Jul-2001
;   CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/146,504
;   FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 21
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-912-014-2

```

```

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

```

```

RESULT 178
US-09-997-672-41/c
; Sequence 41, Application US/09997672
; Publication No. US20030061632A1
; GENERAL INFORMATION:
;   APPLICANT: Weterings, Koen
;   APPLICANT: Apuya, Nestor R.
;   APPLICANT: Tatrinova, Tatiana
;   APPLICANT: Goldberg, Robert B.
;   APPLICANT: The Regents of the University of California
;   APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-115810US
; CURRENT APPLICATION NUMBER: US/09/997,672
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,672
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
;   LENGTH: 21
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:dt-20dn
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: n = 9, c, a or t
US-09-997-672-41

```

```

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

```

```

RESULT 179
US-09-776-479-912/c
; Sequence 912, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
;   APPLICANT: Bratzler, Robert L.
;   APPLICANT: Petersen, Deanna M.
;   APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
;   LENGTH: 21
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

```

```

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 21 AAAAAAAAAAAAAAAAAA 5

```

```

RESULT 180
US-10-371-066-2
; Sequence 2, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
;   APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
;   MICROELECTRONIC SYSTEMS AND DEVICES FOR
;   MOLECULAR BIOLOGICAL ANALYSIS AND
;   DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Lyon & Lyon
;   STREET: 611 West Sixth Street
;   CITY: Los Angeles
;   STATE: California
;   COUNTRY: USA
;   ZIP: 90017
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;   COMPUTER: IBM compatible
;   OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
;   SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/10/371,066
;   FILING DATE: 21-Feb-2003
;   CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/08/146,504
;   FILING DATE: No. US20030162214A1ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510

```

```

; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
;
; OTHER INFORMATION: Oligomer Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
;
; OTHER INFORMATION: Sequence
US-10-255-434-26

```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 176

US-09-888-326-840/c  
; Sequence 840, Application US/09888326  
; Publication No. US20030026801A1  
; GENERAL INFORMATION:

```

/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C10397052 (AWS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 840
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphorothioate backbone
/ US-09-888-326-840

```

```
Query Match          1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1084 AAAAAAAAAAAAAA 1100  
D6 21 AAAAAAAAAAAAAA 5

DECEMBER 1977

US-09-912-014-2  
; Sequence 2, Application US/09912014  
; Publication No. US2003005929A1  
; GENERAL INFORMATION.

GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
MICROELECTRONIC SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS AND  
DIAGNOSTICS

NUMBER OF SENTENCES: 31

NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADPTS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon &

STREET: 611 West St

**CITY:** Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPILER READABLE FORM:

COMPUTER READABLE FORM:  
MEDTIM TYPE: 3 5" F

MEDIUM TYPE: 3.5" 1  
COMPUTER: TBM COMP

COMPUTER: IBM compa



Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 20 AAAAAAAAAAAAAAA 4

RESULT 168

US-10-017-995-560  
 ; Sequence 560, Application US/10017995  
 ; Publication No. US20030055014A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
 ; FILE REFERENCE: C1037/7025 (HCL/WAT)  
 ; CURRENT APPLICATION NUMBER: US/10/017,995  
 ; CURRENT FILING DATE: 2001-12-18  
 ; PRIOR APPLICATION NUMBER: US 60/255,534  
 ; PRIOR FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 1093  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 560  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-10-017-995-560

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 1 AAAAAAAAAAAAAAA 17

RESULT 169

US-10-194-138-32  
 ; Sequence 32, Application US/10194138  
 ; Publication No. US20030082588A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nanosphere, Inc.  
 ; APPLICANT: Garimella, Viswanadham  
 ; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces  
 ; FILE REFERENCE: 01-897-B  
 ; CURRENT APPLICATION NUMBER: US/10/194,138  
 ; CURRENT FILING DATE: 2002-07-12  
 ; PRIOR APPLICATION NUMBER: 60/363472  
 ; PRIOR FILING DATE: 2002-03-12  
 ; PRIOR APPLICATION NUMBER: 60/305369  
 ; PRIOR FILING DATE: 2001-07-13  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 32  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: "a20" oligonucleotide probe  
 US-10-194-138-32

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 1 AAAAAAAAAAAAAAA 17

RESULT 170

US-10-008-978-55  
 ; Sequence 55, Application US/10008978  
 ; Publication No. US20030087242A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghanian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; APPLICANT: Lu, Gang  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-1272-C  
 ; CURRENT APPLICATION NUMBER: US/10/008,978  
 ; CURRENT FILING DATE: 2002-05-20  
 ; PRIOR APPLICATION NUMBER: 09/927,777  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/254,418  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; PRIOR APPLICATION NUMBER: 60/255,236  
 ; PRIOR FILING DATE: 2000-12-11  
 ; PRIOR APPLICATION NUMBER: 60/282,640  
 ; PRIOR FILING DATE: 2000-04-01  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 55  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 US-10-008-978-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 164
US-10-077-383-5
; Sequence 5, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
; OTHER INFORMATION: homopolymer spacer sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 165
US-10-077-383-6/c
; Sequence 6, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 166
US-10-017-995-226/c
; Sequence 226, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-226

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 167
US-10-017-995-556/c
; Sequence 556, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556
```

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
; OTHER INFORMATION: complementary to the sequence of complementary
; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-11

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 160
US-10-117-267-1/c
; Sequence 1, Application US/10117267
; Publication No. US20030045698A1
; GENERAL INFORMATION:
; APPLICANT: Maier, Ph.D., Martin A.
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: ISIS-5035
; CURRENT APPLICATION NUMBER: US/10/117,267
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 161
US-10-112-653-218/c
; Sequence 218, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20

```

```

; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-218

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 162
US-10-112-653-533/c
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-533

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 163
US-10-112-653-537
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20

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Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 156
US-10-266-983-70
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mitkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-70

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 157
US-10-208-357-26
; Sequence 26, Application US/10208357
; Publication No. US20020182697A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357

Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 158
US-10-051-643-83
; Sequence 83, Application US/10051643
; Publication No. US20020197265A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
; TITLE OF INVENTION: System using Mycobacterium Vaccae
; FILE REFERENCE: 11000.100822
; CURRENT APPLICATION NUMBER: US/10/051,643
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US09/156,181
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: US 08/996,624
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-10-051-643-83

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 159
US-10-176-055-11
; Sequence 11, Application US/10176055
; Publication No. US2003003109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/239,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11

```

```
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
;
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/371.066
; FILING DATE: 21-Feb-2003
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/146.504
; FILING DATE: No. US20030162214A/ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 16:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
;
; US-10-371-066-16
;
; Query Match 1.5%; Score 17; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 1.4e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1084 AAAAAAAAAAAAAAAAAA 1100
; | | | | | | | | | | | | | | | | | |
; Db 20 AAAAAAAAAAAAAAAAAA 4
;
; RESULT 154
; US-10-410-324-55
; Sequence 55, Application US/10410324
; Publication No. US20030180783A1
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Eighanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-126
; CURRENT APPLICATION NUMBER: US/10/410,324
; PRIOR FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: 09/961,949
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
;
; US-10-410-324-55
;
; Query Match 1.5%; Score 17; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 1.4e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1084 AAAAAAAAAAAAAAAAAA 1100
; | | | | | | | | | | | | | | | | | |
; Db 1 AAAAAAAAAAAAAAAAAA 17
;
; RESULT 155
; US-10-266-983-55
; Sequence 55, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
;
; US-10-266-983-55
;
; Query Match 1.5%; Score 17; DB 1; Length 20;
```

```
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 150
US-09-975-059A-55
; Sequence 55, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-059A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 151
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC ACID ANALYTES
; FILE REFERENCE: PRO 07
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic Nucleic Acid Probe
NAME/KEY: misc feature
LOCATION: (1)-(20)
US-10-278-047-1

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 152
US-09-976-968A-55
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-976-968A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 153
US-10-371-066-16/c
; Sequence 16, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
```

Db 20 AAAAAAAAAAAAAAAAAAAAA 4

## RESULT 146

US-09-776-479-226/c  
; Sequence 226, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 226  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-226

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAAAAA 1100

Db 20 AAAAAAAAAAAAAAAAAAAAA 4

## RESULT 147

US-09-776-479-556/c  
; Sequence 556, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 556  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-556

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAAAAA 1100

Db 20 AAAAAAAAAAAAAAAAAAAAA 4

## RESULT 148

US-09-776-479-560

; Sequence 560, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 560  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-560

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAAAAA 1100

Db 1 AAAAAAAAAAAAAAAAAAAAA 17

## RESULT 149

US-09-976-601A-55  
; Sequence 55, Application US/09976601A  
; Publication No. US20030124528A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Stornhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-713-116  
; CURRENT APPLICATION NUMBER: US/09/976,601A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-601A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;

SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/912,014  
FILING DATE: 24-Jul-2001  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: <unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-912-014-16

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 143

US-09-997-672-40/c  
Sequence 40, Application US/09997672  
Publication No. US20030061632A1  
GENERAL INFORMATION:  
APPLICANT: Waterings, Koen  
APPLICANT: Apyva, Nestor R.  
APPLICANT: Tatarinova, Tatiana  
APPLICANT: Goldberg, Robert B.  
APPLICANT: The Regents of the University of California  
APPLICANT: Ceres, Inc.  
TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription  
FILE REFERENCE: 023070-115810US  
CURRENT APPLICATION NUMBER: US/09/997,672  
CURRENT FILING DATE: 2001-11-28  
PRIOR APPLICATION NUMBER: US 60/253,672  
PRIOR FILING DATE: 2000-11-28  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 40  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligo(dt-20)  
OTHER INFORMATION: primer  
US-09-997-672-40

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 144

US-09-976-863A-55

Sequence 55, Application US/09976863A  
Publication No. US20030068622A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Blighanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-119  
CURRENT APPLICATION NUMBER: US/09/976,863A  
CURRENT FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-976-863A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 145

US-09-881-535-2/c  
Sequence 2, Application US/09881535  
Publication No. US20030069410A1  
GENERAL INFORMATION:  
APPLICANT: Ravikumar, Vasulunga T.  
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothioate Linkages  
FILE REFERENCE: IS184785  
CURRENT APPLICATION NUMBER: US/09/881,535  
CURRENT FILING DATE: 2001-06-14  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patent In version 3.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. US20030069410A1e1 Sequence  
OTHER INFORMATION: 535-2

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||

DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 141

US-09-957-313A-55

Sequence 55, Application US/09957313A

Publication No. US2003005977A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storhoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-713-13

CURRENT APPLICATION NUMBER: US/09/957,313A

CURRENT FILING DATE: 2002-03-05

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-974-500A-55

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 140

US-09-975-376A-55

Sequence 55, Application US/09975376A

Publication No. US20030054358A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storhoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-713-112

CURRENT APPLICATION NUMBER: US/09/975,376A

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-975-376A-55

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 142

US-09-912-014-16/c

Sequence 16, Application US/09912014

Publication No. US2003005929A1

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; and Tu, Eugene

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 142

US-09-912-014-16/c

Sequence 16, Application US/09912014

Publication No. US2003005929A1

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; and Tu, Eugene

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

; APPLICANT: Hartmann, Gunther  
 ; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
 ; TITLE OF INVENTION: Cell Lysis and Treating Cancer  
 ; FILE REFERENCE: C1039/7052 (AWS)  
 ; CURRENT APPLICATION NUMBER: US/09/888,326  
 ; PRIOR FILING DATE: 2001-06-22  
 ; PRIOR APPLICATION NUMBER: US 60/213,346  
 ; PRIOR FILING DATE: 2000-06-22  
 ; NUMBER OF SEQ ID NOS: 848  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 839  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (0)...(0)  
 ; OTHER INFORMATION: phosphodiester backbone  
 ; US-09-888-326-839

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 DB 20 AAAAAAAAAAAAAAAAAA 4

RESULT 137  
 US-09-981-344-55  
 ; Sequence 55, Application US/09981344  
 ; Publication No. US20030044805A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghamian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-713-122  
 ; CURRENT APPLICATION NUMBER: US/09/981,344  
 ; PRIOR FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 55  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:random  
 ; OTHER INFORMATION: synthetic sequence  
 ; US-09-981-344-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 DB 1 AAAAAAAAAAAAAAAAAA 17  
 RESULT 138  
 US-09-957-318A-55  
 ; Sequence 55, Application US/09957318A  
 ; Publication No. US20030049630A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghamian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-713-12  
 ; CURRENT APPLICATION NUMBER: US/09/957,318A  
 ; CURRENT FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 55  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:random  
 ; OTHER INFORMATION: synthetic sequence  
 ; US-09-957-318A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 139  
 US-09-974-500A-55  
 ; Sequence 55, Application US/09974500A  
 ; Publication No. US20030049631A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghamian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-713-17  
 ; CURRENT APPLICATION NUMBER: US/09/974,500A  
 ; CURRENT FILING DATE: 2002-04-01  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25

```
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-880-505-83

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 133
US-09-820-279B-55
; Sequence 55, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,567
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-55

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 134
US-09-888-326-2
; Sequence 2, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-2

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 135
US-09-888-326-838/c
; Sequence 838, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-838

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 136
US-09-888-326-839/c
; Sequence 839, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
```



```
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-927-777A-70
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 130

```
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
```

```
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
```

```
; CURRENT APPLICATION NUMBER: US/09/966,491A
```

```
; CURRENT FILING DATE: 2002-03-12
```

```
; PRIOR APPLICATION NUMBER: 09/603,830
```

```
; PRIOR FILING DATE: 2000-06-26
```

```
; PRIOR APPLICATION NUMBER: 09/344,667
```

```
; PRIOR FILING DATE: 1999-06-25
```

```
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
```

```
; PRIOR APPLICATION NUMBER: PCT/US97/12783
```

```
; PRIOR FILING DATE: 1997-07-21
```

```
; PRIOR APPLICATION NUMBER: 60/031,809
```

```
; PRIOR FILING DATE: 1996-07-29
```

```
; PRIOR APPLICATION NUMBER: 60/200,161
```

```
; PRIOR FILING DATE: 2000-04-26
```

```
; NUMBER OF SEQ ID NOS: 64
```

```
; SOFTWARE: Microsoft Word 2000
```

```
; SEQ ID NO 55
```

```
; LENGTH: 20
```

```
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:random
```

```
; OTHER INFORMATION: synthetic sequence
```

```
US-09-966-491A-55
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 131

```
US-09-976-971A-55
```

```
; Sequence 55, Application US/09976971A
```

```
; Publication No. US20020182613A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Mirkin, Chad A.
```

```
; APPLICANT: Letsinger, Robert L.
```

```
; APPLICANT: Mucic, Robert C.
```

```
; APPLICANT: Stornhoff, James J.
```

```
; APPLICANT: Elghanian, Robert
```

```
; APPLICANT: Taton, Thomas A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

```
; FILE REFERENCE: 00-713-118
```

```
; CURRENT APPLICATION NUMBER: US/09/976,971A
```

```
; CURRENT FILING DATE: 2001-10-12
```

```
; PRIOR APPLICATION NUMBER: 09/603,830
```

```
; PRIOR FILING DATE: 2000-06-26
```

```
; PRIOR APPLICATION NUMBER: 09/344,667
```

```
; PRIOR FILING DATE: 1999-06-25
```

```
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
```

```
; PRIOR APPLICATION NUMBER: PCT/US97/12783
```

```
; PRIOR FILING DATE: 1997-07-21
```

```
; PRIOR APPLICATION NUMBER: 60/031,809
```

```
; PRIOR FILING DATE: 1996-07-29
```

```
; PRIOR APPLICATION NUMBER: 60/200,161
```

```
; PRIOR FILING DATE: 2000-04-26
```

```
; NUMBER OF SEQ ID NOS: 64
```

```
; SOFTWARE: Microsoft Word 2000
```

```
; SEQ ID NO 55
```

```
; LENGTH: 20
```

```
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:random
```

```
; OTHER INFORMATION: synthetic sequence
```

```
US-09-976-971A-55
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
```

```
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
```

```
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 132

```
US-09-880-505-83
```

```
; Sequence 83, Application US/09880505
```

```
; Publication No. US20030007976A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Watson, James D.
```

```
; APPLICANT: Tan, Paul L.J.
```

```
; APPLICANT: Prestidge, Ross
```

```
; TITLE OF INVENTION: Methods and Compounds for the Treatment
```

```
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
```

```
; FILE REFERENCE: 11000.1007c2
```

```
; CURRENT APPLICATION NUMBER: US/09/880,505
```

```
; CURRENT FILING DATE: 2001-06-13
```

```
; PRIOR APPLICATION NUMBER: US 09/324,542
```

```
; PRIOR FILING DATE: 1999-06-02
```

```
; PRIOR APPLICATION NUMBER: US 08/997,080
```

```
; Sequence 55, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 128
US-09-927-777A-55
; Sequence 55, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
```

```
; Sequence 70, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 129
US-09-927-777A-70
; Sequence 70, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 124
US-09-976-378A-55
; Sequence 55, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-55

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 125
US-09-976-577-55
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
US-09-976-577-55

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 126
US-09-977-554-5/c
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: BIGA, Nadia
; APPLICANT: BATAIL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGAT
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 127
US-09-966-312-55
```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 126
US-09-771-554-5/c
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: BIGA, Nadia
; APPLICANT: BATAIL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGAT
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 127
US-09-966-312-55
```

```

US-09-961-949A-55
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 17

RESULT 121
US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. US2002015542A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
US-09-760-500A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 17

RESULT 122
US-09-967-409A-55
; Sequence 55, Application US/09967409A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
US-09-967-409A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 17

RESULT 123
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
US-09-975-062A-55

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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-638A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 118
US-09-974-007-55
; Sequence 55, Application US/09974007
; Patent No. US2002013707A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: synthetic sequence
US-09-976-617A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 120
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: synthetic sequence
US-09-974-007-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 119
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. US2002013707A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

```

STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,683  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35136  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-683-34

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAAAAA 2

RESULT 116  
US-09-973-788A-55  
Sequence 55, Application US/09973788A  
Patent No. US20020127574A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-110  
CURRENT APPLICATION NUMBER: US/09/973,788A  
CURRENT FILING DATE: 2002-03-05  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-973-788A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 117  
US-09-973-638A-55  
Sequence 55, Application US/09973638A  
Patent No. US20020137070A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-19  
CURRENT APPLICATION NUMBER: US/09/973,638A  
CURRENT FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,243  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/34465  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-243-34

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 114  
US-09-224-683-32/c  
Sequence 32, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Kristztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor: Composition Claims  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois

COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,683  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35136  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-683-32

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 115  
US-09-224-683-34/c  
Sequence 34, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Kristztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor: Composition Claims  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAAAA 3

## RESULT 111

US-10-098-816-26/c  
; Sequence 26, Application US/10098816  
; Publication No. US20030105311A1  
; GENERAL INFORMATION:  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
; FILE REFERENCE: ISIS3310  
; CURRENT APPLICATION NUMBER: US/10/098,816  
; PRIOR FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US/09/303,586  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Oligonucleotide  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(17)  
; OTHER INFORMATION: 2'-modified T linkage  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (17)..(18)  
; OTHER INFORMATION: 2'-modified T linkage  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 2'-modified T linkage  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (19)..(19)  
; OTHER INFORMATION: 2'-modified T linkage  
US-10-098-816-26

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAAAA 3

## RESULT 112

US-09-005-243-32/c  
; Sequence 32, Application US/09005243  
; Patent No. US20020018763A1  
; GENERAL INFORMATION:  
; APPLICANT: Zsebo, Kristina M.  
; APPLICANT: Bosselman, Robert A.  
; APPLICANT: Suggs, Sidney V.  
; APPLICANT: Martin, Francis H.  
; TITLE OF INVENTION: Stem Cell Factor  
; NUMBER OF SEQUENCES: 104  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,243  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 08/449,653  
APPLICATION NUMBER:  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 07/982,255  
APPLICATION NUMBER:  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA: 07/589,701  
APPLICATION NUMBER:  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA: 07/573,616  
APPLICATION NUMBER:  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA: 07/537,198  
APPLICATION NUMBER:  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA: 07/422,383  
APPLICATION NUMBER:  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/34465  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-243-32

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 18 AAAAAAAAAAAAAAAAAA 2

## RESULT 113

US-09-005-243-34/c  
; Sequence 34, Application US/09005243  
; Patent No. US20020018763A1  
; GENERAL INFORMATION:  
; APPLICANT: Zsebo, Kristina M.  
; APPLICANT: Bosselman, Robert A.  
; APPLICANT: Suggs, Sidney V.  
; APPLICANT: Martin, Francis H.  
; TITLE OF INVENTION: Stem Cell Factor  
; NUMBER OF SEQUENCES: 104  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago



RESULT 108  
 US-10-098-816-16/c  
 ; Sequence 16, Application US/10098816  
 ; Publication No. US20030105311A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Manoharan, Muthiah  
 ; APPLICANT: Mohan, Venkatraman  
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
 ; FILE REFERENCE: ISIS3310  
 ; CURRENT APPLICATION NUMBER: US/10/098,816  
 ; CURRENT FILING DATE: 2002-04-19  
 ; PRIOR APPLICATION NUMBER: US/09/303,586  
 ; PRIOR FILING DATE: 1999-05-03  
 ; NUMBER OF SEQ ID NOS: 34  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 16  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Oligonucleotide  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (16)..(17)  
 ; OTHER INFORMATION: 2' - O-MOE linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (17)..(18)  
 ; OTHER INFORMATION: 2' - O-MOE linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (18)..(19)  
 ; OTHER INFORMATION: 2' - O-MOE linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (19)..(20)  
 ; OTHER INFORMATION: 2' - O-MOE linkage  
 ; US-10-098-816-16

Query Match 1.5%; Score 17; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 |||||  
 Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 109  
 US-10-098-816-17/c  
 ; Sequence 17, Application US/10098816  
 ; Publication No. US20030105311A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Manoharan, Muthiah  
 ; APPLICANT: Mohan, Venkatraman  
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
 ; FILE REFERENCE: ISIS3310  
 ; CURRENT APPLICATION NUMBER: US/10/098,816  
 ; CURRENT FILING DATE: 2002-04-19  
 ; PRIOR APPLICATION NUMBER: US/09/303,586  
 ; PRIOR FILING DATE: 1999-05-03  
 ; NUMBER OF SEQ ID NOS: 34  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 17  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Oligonucleotide  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (15)..(16)

OTHER INFORMATION: sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (16)..(17)  
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (17)..(18)  
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (18)..(19)  
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (19)..(20)  
 ; OTHER INFORMATION: 3' - O-MOE linkage  
 ; US-10-098-816-17

Query Match 1.5%; Score 17; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 |||||  
 Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 110  
 US-10-098-816-18/c  
 ; Sequence 18, Application US/10098816  
 ; Publication No. US20030105311A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Manoharan, Muthiah  
 ; APPLICANT: Mohan, Venkatraman  
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
 ; FILE REFERENCE: ISIS3310  
 ; CURRENT APPLICATION NUMBER: US/10/098,816  
 ; CURRENT FILING DATE: 2002-04-19  
 ; PRIOR APPLICATION NUMBER: US/09/303,586  
 ; PRIOR FILING DATE: 1999-05-03  
 ; NUMBER OF SEQ ID NOS: 34  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 18  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Oligonucleotide  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (15)..(16)  
 ; OTHER INFORMATION: sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (16)..(17)  
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (17)..(18)  
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (18)..(19)  
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (19)..(20)  
 ; OTHER INFORMATION: 2' - O-MOE  
 ; US-10-098-816-18



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/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-10-123-597-25

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 19 AAAAAAAAAAAAAAAAAA 3

RESULT 101
US-10-100-321-22
; Sequence 22, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-22

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 2 AAAAAAAAAAAAAAAAAA 18

RESULT 102
US-10-100-321-24
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer

US-10-100-321-24
Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 103
US-10-232-881-1/c
; Sequence 1, Application US/10232881
; Publication No. US2003008088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISI83380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US2003008088A1e1 Sequence
US-10-232-881-1

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 19 AAAAAAAAAAAAAAAAAA 3

RESULT 104
US-10-247-893-3/c
; Sequence 3, Application US/10247893
; Publication No. US2003032046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
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Query Match	1.5%;	Score 17;	DB 1;	Length 19;	
Best Local Similarity	100.0%;	Pred. No. 1.4e+02;			
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
QY	1084	AAAAAAAAAAAAAAAAAAAA	1100		
DB	19	AAAAAAAAAAAAAAAAAAAA	3		
RESULT 97					
US-10-123-597-12/c					
; Sequence 12, Application US/10123597					
; Publication No. US20030078415A1					
; GENERAL INFORMATION:					
; APPLICANT: Cook, Phillip D					
; APPLICANT: Kawasaki, Andrew M					
; APPLICANT: Manoharan, Muthiah					
; APPLICANT: Prakash, Thazha P					
; APPLICANT: Fraser, Allister S					
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides					
; FILE REFERENCE: ISIS5040					
; CURRENT APPLICATION NUMBER: US/10/123,597					
; CURRENT FILING DATE: 2002-07-10					
; PRIOR APPLICATION NUMBER: 09/227,782					
; PRIOR FILING DATE: 1999-01-08					
; NUMBER OF SEQ ID NOS: 28					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 12					
; LENGTH: 19					
; TYPE: DNA					
; ORGANISM: Artificial Sequence					
; FEATURE:					
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct					
; NAME/KEY: misc feature					
; LOCATION: (15)..(18)					
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy					
US-10-123-597-12					
Query Match	1.5%;	Score 17;	DB 1;	Length 19;	
Best Local Similarity	100.0%;	Pred. No. 1.4e+02;			
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
QY	1084	AAAAAAAAAAAAAAAAAAAA	1100		
DB	19	AAAAAAAAAAAAAAAAAAAA	3		
RESULT 98					
US-10-123-597-14/c					
; Sequence 14, Application US/10123597					
; Publication No. US20030078415A1					
; GENERAL INFORMATION:					
; APPLICANT: Cook, Phillip D					
; APPLICANT: Kawasaki, Andrew M					
; APPLICANT: Manoharan, Muthiah					
; APPLICANT: Prakash, Thazha P					
; APPLICANT: Fraser, Allister S					
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides					
; FILE REFERENCE: ISIS5040					
; CURRENT APPLICATION NUMBER: US/10/123,597					
; CURRENT FILING DATE: 2002-07-10					
; PRIOR APPLICATION NUMBER: 09/227,782					
; PRIOR FILING DATE: 1999-01-08					
; NUMBER OF SEQ ID NOS: 28					
; SOFTWARE: PatentIn version 3.1					
; SEQ ID NO 14					
; LENGTH: 19					
; TYPE: DNA					
; ORGANISM: Artificial Sequence					
; FEATURE:					
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct					
; NAME/KEY: misc feature					

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Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||
Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-123-597-5/c
; Sequence 5, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1084 AAAAAAAAAAAAAAAAAAAAA 1100
|||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||

US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1084 AAAAAAAAAAAAAAAAAAAAA 1100
|||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||

US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8
```

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; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 90
US-10-123-597-2/c
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 90
US-10-123-597-2/c
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3
```

```
RESULT 91
US-10-123-597-3/c
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 92
US-10-123-597-4/c
; Sequence 4, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
```

```

Qy      1084 AAAAAAAAAAAAAAAAAA 1100
        |||||
Db      19  AAAAAAAAAAAAAAAAAA 3

```

```

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; G

```

; LOCATION: (19)...(19)  
; OTHER INFORMATION: N= phenoxazine  
US-10-013-295-54

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAAAAA 2

## RESULT 81

US-10-013-295-55/c  
; Sequence 55, Application US/10013295  
; Publication No. US20030175906A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides  
; FILE REFERENCE: IS184948  
; CURRENT APPLICATION NUMBER: US/10/013,295  
; CURRENT FILING DATE: 2001-12-10  
; PRIOR APPLICATION NUMBER: 60/302,682  
; PRIOR FILING DATE: 2001-07-03  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 55  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (19)...(19)  
; OTHER INFORMATION: N= G-clamp modification  
US-10-013-295-55

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAAAAA 2

## RESULT 82

US-10-371-600-14  
; Sequence 14, Application US/10371600  
; Publication No. US20030180776A1  
; GENERAL INFORMATION:  
; APPLICANT: WU, MING  
; APPLICANT: ULLMAN, EDWIN F.  
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION  
; FILE REFERENCE: 3817.10-2  
; CURRENT APPLICATION NUMBER: US/10/371,600  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: 60/359,223  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: 60/379,360  
; PRIOR FILING DATE: 2002-05-08  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-371-600-14

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 83

US-10-170-172-16/c  
; Sequence 16, Application US/10170172  
; Publication No. US20030190632A1  
; GENERAL INFORMATION:  
; APPLICANT: SOSNOWSKI, RONALD G  
; APPLICANT: BUTLER, WILLIAM F  
; APPLICANT: TU, EUGENE  
; APPLICANT: NERENBERG, MICHAEL I  
; APPLICANT: HELLER, MICHAEL J  
; APPLICANT: EDMAN, CARL F  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC  
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,  
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL  
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS  
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194  
; CURRENT APPLICATION NUMBER: US/10/170,172  
; CURRENT FILING DATE: 2002-06-11  
; PRIOR APPLICATION NUMBER: US/08/986,065  
; PRIOR FILING DATE: 1997-12-05  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 16  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Amine  
; OTHER INFORMATION: conjugate to provide reactivity with dyes  
US-10-170-172-16

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 19 AAAAAAAAAAAAAAAAAA 3

## RESULT 84

US-10-205-309-325  
; Sequence 325, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Usin  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Usin  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 325  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-205-309-325

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;



```
; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 77
US-09-306-333A-9/c
; Sequence 9, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; FILE REFERENCE: Testing
; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-9

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1080 TATTAATAAAAAAAAAA 1096
Db 17 TATTAATAAAAAAAAAA 1

RESULT 78
US-09-996-292A-54/c
; Sequence 54, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1el Sequence
; NAME/KEY: misc_feature

; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 79
US-09-996-292A-55/c
; Sequence 55, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-55

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 80
US-10-013-295-54/c
; Sequence 54, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1el Sequence
; NAME/KEY: misc_feature
```

```
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
        |||||
Db       19 AAAAAAAAAAAAAAAAAA 3

RESULT 73
US-09-970-971A-15/c
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
        |||||
Db       19 AAAAAAAAAAAAAAAAAA 3

RESULT 74
US-09-970-971A-16/c
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
        |||||
Db       19 AAAAAAAAAAAAAAAAAA 3

RESULT 75
US-09-970-971A-26/c
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
        |||||
Db       19 AAAAAAAAAAAAAAAAAA 3

RESULT 76
US-10-322-242-1/c
; Sequence 1, Application US/10322242
; Publication No. US20030139586A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compour
; FILE REFERENCE: ISIS-3312
```

RESULT 69  
US-09-917-138-1/c  
; Sequence 1, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFFEL, Jerome  
; TITLE OF INVENTION: ENZYMAIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT APPLICATION NUMBER: US/09/917,138  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: Biotinylation at the 5' end  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
US-09-917-138-1  
  
Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAA 3  
  
RESULT 70  
US-09-917-138-2  
; Sequence 2, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFFEL, Jerome  
; TITLE OF INVENTION: ENZYMAIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT APPLICATION NUMBER: US/09/917,138  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
US-09-917-138-2  
  
Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAA 17  
  
RESULT 71  
US-09-901-484A-515/c  
; Sequence 515, Application US/09901484A  
; Patent No. US20020119460A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Prostate Cancer Gene  
; FILE REFERENCE: GEN-T11XC3D2  
; CURRENT APPLICATION NUMBER: US/09/901,484A  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: US 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: US 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: US 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 09/853,526  
; PRIOR FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 515  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(19)  
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
US-09-901-484A-515  
  
Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAA 3  
  
RESULT 72  
US-09-853-526-515/c  
; Sequence 515, Application US/09853526  
; Patent No. US20020165345A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Ilye, Chumakov  
; TITLE OF INVENTION: PROSTATE CANCER GENE  
; FILE REFERENCE: GENSET.18CPICF  
; CURRENT APPLICATION NUMBER: US/09/853,526  
; CURRENT FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patent.pm

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-24

```

```
Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	1084	AAAAAAAAAAAAAAAA	1100
Db	1	AAAAAAAAAAAAAAAA	17

```

RESULT 65
US-10-112-653-882/c
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCES: CO1039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 852
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882

```

```
Query Match      1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	1084	AAAAAAAAAAAAAAAA	1100
Db	18	AAAAAAAAAAAAAAAA	2

```

RESULT 66
US-10-017-995-913/c
: Sequence 913, Application US/10017995
: Publication No. US20030055014A1
: GENERAL INFORMATION:
: APPLICANT: Bratzler, Robert L.
: TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
: FILE REFERENCE: C103777025 (HCL/MAT)
: CURRENT APPLICATION NUMBER: US/10/017,995
: CURRENT FILING DATE: 2001-12-18
: PRIOR APPLICATION NUMBER: US 60/255,534
: PRIOR FILING DATE: 2000-12-14
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSEQ for Windows Version 3.0
: SEQ ID NO 913
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913

```

```
Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	1084	AAAAAAAAAAAAAAAA	1100
Db	18	AAAAAAAAAAAAAAAA	2

## RESIT.T 67

```

RESULTS: 8
; Sequence 939, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C103777025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-10-017-995-939

```

```
Query Match      1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      1084 AAAAAAAAAAAAAAAAAA 1100
         |||||
Db      18  AAAAAAAAAAAAAAAAAA 2

```

PRECIT.T 68

```

US-10-206-613-4/c
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablons, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo dt
; OTHER INFORMATION: linker primer
; US-10-206-613-4

```

```
Query Match      1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	1084	AAAAAAAAAAAAAAA	1100
Dp	18	AAAAAAAAAAAAAAA	2

```

; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 1..18
;   SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18
    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 62
US-10-075-335-9/c
; Sequence 9, Application US/10075335
; Publication No. US20030186237A1
; GENERAL INFORMATION:
; APPLICANT: Ginsberg, Stephen
; APPLICANT: Che, Shaoli
; TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
; FILE REFERENCE: HO-P02202US2
; CURRENT APPLICATION NUMBER: US/10/075,335
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/268,664
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/348,242
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/268,645
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/344,557
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/306,216
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/350,176
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; TYPE: DNA
; LENGTH: 18
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Primer
US-10-075-335-9

    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 63
US-10-125-295-9/c
; Sequence 9, Application US/10125295
; Publication No. US20020164572A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patey
; Wallace, Robert Bruce
; Cosman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; APPLICATION NUMBER: US 08/884,029
; FILING DATE: 27-JUN-1997
; NAME: Parent, Annette S.
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
;   NAME/KEY: modified_base
;   LOCATION: 13..18
;   OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 64
US-10-208-357-24
; Sequence 24, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18

```

```

; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match 1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 60
US-10-352-704-12/c
; Sequence 12, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 638-6666

; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match 1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 61
US-10-352-704-18
; Sequence 18, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 638-6666

; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-370-541-14

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
      |||||
DB 18 AAAAAAAAAAAAAAAAAA 2

RESULT 57
US-10-389-155-97/c
; Sequence 97, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; CO, Man Sung
; Schreider, William P.
; Landoifi, Nicholas F.
; Coellingh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
```

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; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "T at positions 13-18 may be
; present or absent"
; OTHER INFORMATION:
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-155-97

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
      |||||
DB 18 AAAAAAAAAAAAAAAAAA 2

RESULT 58
US-10-271-602B-84
; Sequence 84, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
      |||||
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 59
US-10-056-479A-15/c
; Sequence 15, Application US/10056479A
; Publication No. US20030175678A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
```

```
; APPLICANT: Stanton, Lawrence W.
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 53
US-09-888-326-837/c
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 54
US-09-776-479-913/c
; Sequence 913, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
```

```
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 55
US-09-776-479-939/c
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 56
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Publication No. US2003008079A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; TITLE OF INVENTION: Compounds Prepared Therefrom
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; CURRENT APPLICATION NUMBER: 09/016,520
```



APPLICATION NUMBER: US/10/054,295  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-295-132

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 50  
US-10-117-267-5/c  
Sequence 5, Application US/10117267  
Publication No. US20030045698A1  
GENERAL INFORMATION:  
APPLICANT: Maier, Ph.D., Martin A.  
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back  
FILE OF INVENTION: Oligomeric Compounds  
TITLE REFERENCE: ISIS-5039  
CURRENT APPLICATION NUMBER: US/10/117,267  
CURRENT FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 09/726,096  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: 09/250,075  
PRIOR FILING DATE: 1999-02-12  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc\_feature  
LOCATION: (1)..(19)  
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate  
OTHER INFORMATION: internucleoside linkage  
US-10-117-267-5

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 51  
US-10-054-611-132/c  
Sequence 132, Application US/10054611  
Publication No. US20030059787A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Morin, Gregg B.  
Chapman, Karen B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030059787A1e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/054,611  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-611-132

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 52  
US-09-809-545A-84/c  
Sequence 84, Application US/09809545A  
Patent No. US20020110804A1  
GENERAL INFORMATION:

```

; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-438-486-132

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAA 1100
Db 17 AAAAAAAAAAAAAAAA 1

RESULT 47
US-10-208-357-23
; Sequence 23, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-23

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAA 17

RESULT 48
US-10-053-758-132/c
; Sequence 132, Application US/10053758
; Publication No. US20030032075A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: NO. US20030032075A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SOFTWARE DESCRIPTION: SEQ ID NO: 132:
US-10-053-758-132

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAA 1100
Db 17 AAAAAAAAAAAAAAAA 1

RESULT 49
US-10-054-295-132/c
; Sequence 132, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: NO. US20030044953A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SOFTWARE DESCRIPTION: SEQ ID NO: 132:
US-10-053-758-132
```

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/854,050  
 FILING DATE: 09-MAY-1997  
 APPLICATION NUMBER: US 08/846,017  
 FILING DATE: 25-APR-1997  
 APPLICATION NUMBER: US 08/844,419  
 FILING DATE: 18-APR-1997  
 APPLICATION NUMBER: US 08/724,643  
 FILING DATE: 01-OCT-1996  
 ATTORNEY/AGENT INFORMATION: T.  
 NAME: Apple, Randolph T.  
 REGISTRATION NUMBER: 36,429  
 REFERENCE/DOCKET NUMBER: 015389-002930US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 132:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
 US-09-843-676-132  
 Query Match 1.5%; Score 17; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred.No. 1.2e+02; Indels 0;  
 Matches 17; Conservative 0; Mismatches 0; Gaps 0;  
 QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 DB 17 AAAAAAAAAAAAAAAAAA 1  
 RESULT 45  
 US-09-766-253-132/c  
 ; Sequence 132, Application US/0976253  
 ; Publication No. US2002018741A1  
 ; GENERAL INFORMATION:  
 APPLICANT: Cech, Thomas R.  
 LINGNER, JOACHIM  
 NAKAMURA, TORU  
 CHAPMAN, KAREN B.  
 MORIN, GREGG B.  
 HARLEY, CALVIN  
 ANDREWS, WILLIAM H.  
 TITLE OF INVENTION: No. US2002018741A1 Telomerase  
 NUMBER OF SEQUENCES: 171  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, 8th Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: United States of America  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/766,253  
 FILING DATE: 19-Jan-2001  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/09/766,253  
 FILING DATE: 19-Jan-2001  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/846,017  
 FILING DATE: 1997-04-25  
 FILING DATE: 01-OCT-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Apple, Randolph T.  
 REGISTRATION NUMBER: 36,429  
 REFERENCE/DOCKET NUMBER: 015389-002920US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200

```

Query Match      1.6%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAAAAAAAAA 1100
      :|||||
Db      19 BAAAAAATAAAAAAAAAAAAA 2

RESULT 41
US-10-176-884-44/c
; Sequence 44, Application US/10176884
; Publication No. US20030126642A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert
; APPLICANT: Kinoshita, Tetsu
; APPLICANT: Yadegari, Ramin
; APPLICANT: Gehring, Mary
; APPLICANT: Okamuro, Jack
; APPLICANT: Dang, Van-Dinh
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Compositions and Methods for Modulating Plant
; FILE OF INVENTION: Development
; FILE REFERENCE: 023070-116710US
; CURRENT APPLICATION NUMBER: US/10/176,884
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/300,506
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo(DT)-18
; OTHER INFORMATION: primex, oligo dT
US-10-176-884-44

Query Match      1.6%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAAAAAAAAA 1100
      :|||||
Db      19 BAAAAAATAAAAAAAAAAAAA 2

RESULT 42
US-10-133-937-99/c
; Sequence 99, Application US/10133937
; Publication No. US20030207278A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
; TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
; TITLE OF INVENTION: OTHER BIOLOGICAL STATES
; FILE REFERENCE: 11613.56US01
; CURRENT APPLICATION NUMBER: US/10/133,937
; CURRENT FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-133-937-99

```

Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2

RESULT 39  
US-10-177-478-1/c  
; Sequence 1, Application US/10177478  
; Publication No. US20030165903A1  
; GENERAL INFORMATION:  
; APPLICANT: Dang, Van-Dinh  
; APPLICANT: Okamuro, Jack  
; TITLE OF INVENTION: Chimeric Histone Acetyltransferase  
; TITLE OF INVENTION: Polypeptides  
; FILE REFERENCE: 11696-037001  
; CURRENT APPLICATION NUMBER: US/10/177,478  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: U.S. 60/300,135  
; PRIOR FILING DATE: 2001-06-22  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-177-478-1

Query Match 1.6%; Score 17.2; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2

RESULT 40  
US-10-182-230-196/c  
; Sequence 196, Application US/10182230  
; Publication No. US20030215817A1  
; GENERAL INFORMATION:  
; APPLICANT: Leonard, Amedeo  
; APPLICANT: Sartani, Abraham  
; APPLICANT: Glass, James R.  
; APPLICANT: Sutcliffe, J. Gregor  
; APPLICANT: Hasel, Karl W.  
; TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerosis  
; TITLE OF INVENTION: Lesions  
; FILE REFERENCE: 216019-143  
; CURRENT APPLICATION NUMBER: US/10/182,230  
; CURRENT FILING DATE: 2003-02-03  
; PRIOR APPLICATION NUMBER: 60/177,963  
; PRIOR FILING DATE: 2000-01-25  
; NUMBER OF SEQ ID NOS: 197  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 196  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dir  
; OTHER INFORMATION: ct sequencing  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (19)..(19)  
; OTHER INFORMATION: v stands for a, c, or g  
US-10-182-230-196

Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2

RESULT 37  
US-09-371-307-85/c  
; Sequence 85, Application US/09371307A  
; Patent No. US20020053095A1  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Sherri M.  
; APPLICANT: Heck, Gregory R.  
; APPLICANT: Piller, Kenneth J.  
; APPLICANT: Kishore, Ganesh M.  
; APPLICANT: Ellich, Tedd D.  
; APPLICANT: Logusch, Eugene W.  
; APPLICANT: Rao, Sudabathula  
; APPLICANT: Ream, Joel E.  
; APPLICANT: Logusch, Sherry J.  
; TITLE OF INVENTION: Methods for controlling gibberellin levels  
; FILE REFERENCE: MOBT:216  
; CURRENT APPLICATION NUMBER: US/09/371,307A  
; CURRENT FILING DATE: 1999-08-10  
; NUMBER OF SEQ ID NOS: 89  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 85  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer  
US-09-371-307-85

Query Match 1.6%; Score 17.2; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2

RESULT 38  
US-10-401-321-85/c  
; Sequence 85, Application US/10401321  
; Publication No. US2003023679A1  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Sherri M.  
; APPLICANT: Heck, Gregory R.  
; APPLICANT: Piller, Kenneth J.  
; APPLICANT: Kishore, Ganesh M.  
; APPLICANT: Ellich, Tedd D.  
; APPLICANT: Logusch, Eugene W.  
; APPLICANT: Rao, Sudabathula  
; APPLICANT: Ream, Joel E.  
; APPLICANT: Logusch, Sherry J.  
; APPLICANT: Baerson, Scott R.  
; TITLE OF INVENTION: Methods for Controlling Gibberellin Levels  
; FILE REFERENCE: 11899.0216.DVUS01 (MOBT:216--1)  
; CURRENT APPLICATION NUMBER: US/10/401,321  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 89  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 85  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-401-321-85

Query Match 1.6%; Score 17.2; DB 1; Length 19;

GENERAL INFORMATION:  
; APPLICANT: Robert G. Kuimelis et al.  
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
; FILE REFERENCE: 50036/009002  
; CURRENT APPLICATION NUMBER: US/09/282,734A  
; CURRENT FILING DATE: 1999-03-03  
; EARLIER APPLICATION NUMBER: 60/080,686  
; EARLIER FILING DATE: 1998-04-03  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 23  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Capture probe sequence  
US-09-282-734-23

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAAAAAA 2

RESULT 33  
US-10-348-627-23/c  
; Sequence 23, Application US/10348627  
; Publication No. US20030143618A1  
; GENERAL INFORMATION:  
; APPLICANT: Robert G. Kuimelis et al.  
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
; FILE REFERENCE: 50036/009002  
; CURRENT APPLICATION NUMBER: US/10/348,627  
; CURRENT FILING DATE: 2003-01-22  
; PRIOR APPLICATION NUMBER: US/09/282,734A  
; PRIOR FILING DATE: 1999-03-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 23  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Capture probe sequence  
US-10-348-627-23

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAAAAAA 2

RESULT 34  
US-10-224-289-11/c  
; Sequence 11, Application US/10224289  
; Publication No. US20030207288A1  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, DAVID A.  
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND  
; TITLE OF INVENTION: NUCLEIC ACID  
; FILE REFERENCE: 9800081-0085  
; CURRENT APPLICATION NUMBER: US/10/224,289  
; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: 60/313,940

PRIOR FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: Patentin ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-10-224-289-11

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAAAAAA 2

RESULT 35  
US-10-098-263B-98644  
; Sequence 98644, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 98644  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
; OTHER INFORMATION: Homo sapien  
US-10-098-263B-98644

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 878 CATTGAGTCTCGCATGTGAGAAC 901  
DB 1 CAAGGAGGTCTCGGAAGTGAGAAC 24

RESULT 36  
US-10-098-263B-127810/C  
; Sequence 127810, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 127810  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
; OTHER INFORMATION: Homo sapien  
US-10-098-263B-127810

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 24 AAAAAAAAAA 1

RESULT 29
US-10-017-995-962
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-962

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 1 AAAAAAAAAA 24

RESULT 30
US-10-058-513-39/c
; Sequence 39, Application US/10058513
; Publication No. US20030087245A1
; GENERAL INFORMATION:
; APPLICANT: Gish, Kurt C.
; APPLICANT: Mack, David H.
; APPLICANT: Afar, Daniel
; TITLE OF INVENTION: Uses of PBH1 in the Diagnosis and Therapeutic Treatment
; TITLE OF INVENTION: of Prostate Cancer
; FILE REFERENCE: 018501-005910US
; CURRENT APPLICATION NUMBER: US/10/058,513
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,951
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: T7-(dT)-24
```

```
; OTHER INFORMATION: primer
US-10-058-513-39

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 24 AAAAAAAAAA 1

RESULT 31
US-10-081-969-18
; Sequence 18, Application US/10081969
; Publication No. US20030104625A1
; GENERAL INFORMATION:
; APPLICANT: Cheng, Cheng
; APPLICANT: Clarke, Lori
; APPLICANT: Connolly, Sheila
; APPLICANT: Ennist, David
; APPLICANT: Forry-Schaudies, Suzanne
; APPLICANT: Gorziglia, Mario
; APPLICANT: Hallenbeck, Paul
; APPLICANT: Hay, Carl
; APPLICANT: Jakubczak, John
; APPLICANT: Kaleko, Michael
; APPLICANT: Phipps, Sandra
; APPLICANT: Police, Seshidhar
; APPLICANT: Ryan, Patricia
; APPLICANT: Steward, David
; APPLICANT: Xie, Yuefeng
; TITLE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
; FILE REFERENCE: 4-31704A/GTI
; CURRENT APPLICATION NUMBER: US/10/081,969
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 60/270,922
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: US 60/295,037
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/348,670
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Viral vector sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(24)
; OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
; NAME/KEY: polyA site
; LOCATION: (3)..(24)
; OTHER INFORMATION:
US-10-081-969-18

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1075 GCAACTATTAAAAA 1098
Db 1 GCAAAAAAAAAA 24

RESULT 32
US-09-282-734-23/c
; Sequence 23, Application US/09282734A
; Publication No. US20020182597A1
```

```
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 24
US-10-112-653-415/c
; Sequence 415, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 415
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-415

Query Match 1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
||| ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 25
US-10-112-653-919/c
; Sequence 919, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 919
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-919

Query Match 1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
||| ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 26
US-10-112-653-920
; Sequence 920, Application US/10112653
; Publication No. US20030050268A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-920

Query Match 1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
||| ||||| ||||| ||||| |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 27
US-10-017-995-433/c
; Sequence 433, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match 1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
||| ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 28
US-10-017-995-961/c
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
```



QY 1077 AACTATTAAAAA 1100  
 Db 1 AAAAAAAAAA 24

RESULT 20  
 US-10-272-502A-2/c  
 ; Sequence 2, Application US/10272502A  
 ; Publication No. US20030139364A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krieg, Arthur M.  
 ; APPLICANT: Schetter, Christian  
 ; APPLICANT: Bratzler, Robert L.  
 ; APPLICANT: Vollmer, Jorg  
 ; APPLICANT: Bauer, Stefan  
 ; APPLICANT: Jurk, Marion  
 ; TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING  
 ; FILE REFERENCE: IMIDAZOQUINOLINE COMPOUNDS  
 ; CURRENT APPLICATION NUMBER: US/10/272,502A  
 ; CURRENT FILING DATE: 2002-08-15  
 ; PRIOR APPLICATION NUMBER: 60/329,208  
 ; PRIOR FILING DATE: 2001-10-12  
 ; NUMBER OF SEQ ID NOS: 31  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 2  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Oligonucleotide  
 US-10-272-502A-2

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
 Db 24 AAAAAAAAAA 1

RESULT 21  
 US-10-224-523-53/c  
 ; Sequence 53, Application US/10224523  
 ; Publication No. US20030148976A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krieg, Arthur  
 ; APPLICANT: Vollmer, Jorg  
 ; APPLICANT: Uhlmann, Eugen  
 ; TITLE OF INVENTION: Combination Motif Immune Stimulatory Oligonucleotides with Improv  
 ; FILE REFERENCE: C01039/70063 (HCL/AMS)  
 ; CURRENT APPLICATION NUMBER: US/10/224,523  
 ; CURRENT FILING DATE: 2002-08-19  
 ; PRIOR APPLICATION NUMBER: US 60/313,273  
 ; PRIOR FILING DATE: 2001-08-17  
 ; PRIOR APPLICATION NUMBER: US 60/393,952  
 ; PRIOR FILING DATE: 2002-07-03  
 ; NUMBER OF SEQ ID NOS: 81  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 53  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Oligonucleotide  
 US-10-224-523-53

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
 Db 24 AAAAAAAAAA 1

RESULT 22  
 US-10-389-665-4  
 ; Sequence 4, Application US/10389665  
 ; Publication No. US20030175785A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kurn, Nurith  
 ; APPLICANT: Patel, Rajesh D.  
 ; TITLE OF INVENTION: Quantitative Determination of Nucleic  
 ; FILE REFERENCE: BEH-7408  
 ; CURRENT APPLICATION NUMBER: US/10/389,665  
 ; CURRENT FILING DATE: 2003-03-14  
 ; PRIOR APPLICATION NUMBER: US/09/025,639  
 ; PRIOR FILING DATE: 1998-02-18  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 4  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc binding  
 ; LOCATION: (1)-(24)  
 ; OTHER INFORMATION: Synthetic DNA Probe  
 US-10-389-665-4

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
 Db 1 AAAAAAAAAA 24

RESULT 23  
 US-10-043-415-4  
 ; Sequence 4, Application US/10043415  
 ; Publication No. US20020182620A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kurn, Nurith  
 ; APPLICANT: Patel, Rajesh D.  
 ; TITLE OF INVENTION: Quantitative Determination of Nucleic  
 ; FILE REFERENCE: BEH-7408  
 ; CURRENT APPLICATION NUMBER: US/10/043,415  
 ; CURRENT FILING DATE: 2002-01-10  
 ; PRIOR APPLICATION NUMBER: US/09/025,639  
 ; PRIOR FILING DATE: 1998-02-18  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 4  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc binding  
 ; LOCATION: (1)-(24)  
 ; OTHER INFORMATION: Synthetic DNA Probe  
 US-10-043-415-4

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
 Db 1 AAAAAAAAAA 24

```
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 16
US-09-888-326-841/c
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 17
US-09-776-479-433/c
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
```

```
US-09-776-479-433

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 18
US-09-776-479-961/c
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 19
US-09-776-479-962
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (1)..(24)  
 ; OTHER INFORMATION: primer oligonucleotide PGR32  
 US-09-901-484A-10

Query Match 1.6%; Score 17.8; DB 1; Length 24;  
 Best Local Similarity 90.5%; Pred. No. 1.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAAAAA 1100  
 DB 23 TTTCAAAAA 3

RESULT 12  
 US-09-853-526-10/c  
 ; Sequence 10, Application US/09853526  
 ; Patent No. US20020165345A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cohen, Daniel  
 ; APPLICANT: Blumenfeld, Marta  
 ; APPLICANT: Ilyu, Chumakov  
 ; APPLICANT: Bouguetel, Lydie  
 ; TITLE OF INVENTION: PROSTATE CANCER GENE  
 ; FILE REFERENCE: GENSET-18C1PC  
 ; CURRENT APPLICATION NUMBER: US/09/853,526  
 ; CURRENT FILING DATE: 2001-05-11  
 ; PRIOR APPLICATION NUMBER: 09/338,907  
 ; PRIOR FILING DATE: 1999-06-23  
 ; PRIOR APPLICATION NUMBER: 08/996,306  
 ; PRIOR FILING DATE: 1997-12-22  
 ; PRIOR APPLICATION NUMBER: 60/099,658  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 09/218,207  
 ; PRIOR FILING DATE: 1998-12-22  
 ; NUMBER OF SEQ ID NOS: 578  
 ; SOFTWARE: Patent.pm  
 ; SEQ ID NO 10  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: 1..24  
 ; OTHER INFORMATION: primer oligonucleotide PGR32  
 US-09-853-526-10

Query Match 1.6%; Score 17.8; DB 1; Length 24;  
 Best Local Similarity 90.5%; Pred. No. 1.2e+02;  
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAAAAA 1100  
 DB 23 TTTCAAAAA 3

RESULT 13  
 US-09-920-342-12/c  
 ; Sequence 12, Application US/09920342  
 ; Patent No. US20020137709A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: University of Southern California  
 ; APPLICANT: Lin, Shi-Lung  
 ; APPLICANT: Chuong, Cheng-Ming  
 ; APPLICANT: Widelitz, Randall B.  
 ; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS  
 ; FILE REFERENCE: 13761-7024  
 ; CURRENT APPLICATION NUMBER: US/09/920,342  
 ; CURRENT FILING DATE: 2002-01-17

; PRIOR APPLICATION NUMBER: US 60/222,479  
 ; PRIOR FILING DATE: 2000-08-02  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 12  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Poly(dT)24 primer  
 US-09-920-342-12

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAA 1100  
 DB 24 AAAAAA 1

RESULT 14  
 US-09-920-313-148/c  
 ; Sequence 148, Application US/09920313  
 ; Publication No. US20020198165A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; APPLICANT: Petersen, Deanna W.  
 ; TITLE OF INVENTION: Nucleic Acids for the Prevention and  
 ; FILE REFERENCE: C1037/7019 (HCL/MAT)  
 ; CURRENT APPLICATION NUMBER: US/09/920,313  
 ; CURRENT FILING DATE: 2001-08-01  
 ; PRIOR APPLICATION NUMBER: US 60/222,248  
 ; PRIOR FILING DATE: 2001-08-08  
 ; NUMBER OF SEQ ID NOS: 148  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 148  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-09-920-313-148

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAA 1100  
 DB 24 AAAAAA 1

RESULT 15  
 US-09-949-305B-6/c  
 ; Sequence 6, Application US/09949305B  
 ; Publication No. US20030022318A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ying, Shao-Yao  
 ; APPLICANT: Lin, Shi-Lung  
 ; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences  
 ; FILE REFERENCE: 286/014  
 ; CURRENT APPLICATION NUMBER: US/09/949,305B  
 ; CURRENT FILING DATE: 2001-09-07  
 ; PRIOR APPLICATION NUMBER: 09/494,212  
 ; PRIOR FILING DATE: 2000-01-25  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 6  
 ; LENGTH: 24  
 ; TYPE: DNA

STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/224,683  
FILING DATE: 08/449,653  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35136  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-683-33

Query Match 1.6%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 93;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAAAAAA 1100  
DB 19 TAAAAAAAAAAAAAAAAA 2

RESULT 9  
US-09-426-548-126  
Sequence 126, Application US/09426548  
Patent No. US2001004936A1  
GENERAL INFORMATION:  
APPLICANT: Robbins, David  
APPLICANT: Lin-Goerke, Juili L.  
APPLICANT: Ling, Jessica  
TITLE OF INVENTION: No. US2001004936A1el Mutations in Human MLH1 and MSH2 Genes Used  
TITLE OF INVENTION: Diagnosing Colorectal Cancer

FILE REFERENCE: DEX-0054  
CURRENT APPLICATION NUMBER: US/09/426,548  
CURRENT FILING DATE: 1999-10-22  
NUMBER OF SEQ ID NOS: 192  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 126  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-426-548-126

Query Match 1.6%; Score 18; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAAAAAA 1100  
DB 2 TAAAAAAAAAAAAAAAAA 19

RESULT 10  
US-09-773-307B-9/c  
Sequence 9, Application US/09773307B  
Publication No. US20030027134A1  
GENERAL INFORMATION:  
APPLICANT: BML, INC.  
TITLE OF INVENTION: Method of Detecting Risk Factor for Onset of Diabetes  
FILE REFERENCE: PBM37  
CURRENT APPLICATION NUMBER: US/09/773,307B  
CURRENT FILING DATE: 2001-01-31  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Hominidae  
US-09-773-307B-9

Query Match 1.6%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 995 AAGTCTGAGCGCTGGAGAAATGG 1015  
DB 21 AAGACGGAGGCTGGAGAAATGG 1

RESULT 11  
US-09-901-484A-10/c  
Sequence 10, Application US/09901484A  
Patent No. US20020119460A1  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
APPLICANT: Bougueret, Lydie  
TITLE OF INVENTION: Prostate Cancer Gene  
FILE REFERENCE: GEN-T111XC3D2  
CURRENT APPLICATION NUMBER: US/09/901,484A  
CURRENT FILING DATE: 2001-07-09  
PRIOR APPLICATION NUMBER: US 08/996,306  
PRIOR FILING DATE: 1997-12-22  
PRIOR APPLICATION NUMBER: US 60/099,658  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: US 09/218,207  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: US 09/338,907  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: US 09/853,526  
PRIOR FILING DATE: 2001-05-11  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 10

GENERAL INFORMATION:  
APPLICANT: BILLING-MEDEL, PATRICIA  
APPLICANT: COHEN, MAURICE  
APPLICANT: COLPITS, TRACEY L.  
APPLICANT: FRIEDMAN, PAULA N.  
APPLICANT: GORDON, JULIAN  
APPLICANT: GRANADOS, EDWARD N.  
APPLICANT: HODGES, STEVEN C.  
APPLICANT: KLASS, MICHAEL R.  
APPLICANT: KRATOCHVIL, JON D.  
APPLICANT: RUSSELL, JOHN C.  
APPLICANT: SCHEFFEL, CHRISTI  
APPLICANT: STROUPE, STEPHEN D.  
APPLICANT: YU, HONG  
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE BREAST  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/099,823  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/879,354  
FILING DATE: 20-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6120.US.P1  
TELEPHONE: 847/935-1729  
TELEFAX: 847/938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-099-823-14

Query Match 1.7%; Score 18.6; DB 1; Length 26;  
Best Local Similarity 84.0%; Pred. No. 97;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1100  
DB 26 CAAAAA 2

RESULT 7  
US-09-005-243-33/c  
Sequence 33, Application US/09005243  
Patent No. US20020018763A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Krisztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-8402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,243  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/34465  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-243-33

Query Match 1.6%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 93;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA 1100  
DB 19 TAAAAA 2

RESULT 8  
US-09-224-683-33/c  
Sequence 33, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Krisztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun



c1275 12 1.1 1 US-09-489-220-25 Sequence 25, Appl  
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c1307 12 1.1 1 US-10-103-614A-3 Sequence 3, Appl  
c1308 12 1.1 1 US-09-504-231A-439 Sequence 439, Appl  
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c1313 12 1.1 1 US-09-274-553D-1246 Sequence 1246, Appl  
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c1316 12 1.1 1 US-10-056-414-350 Sequence 350, Appl  
c1317 12 1.1 1 US-10-010-802-182 Sequence 182, Appl  
c1318 12 1.1 1 US-09-829-855-168 Sequence 168, Appl  
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c1323 12 1.1 1 US-10-103-076-12 Sequence 12, Appl  
c1324 12 1.1 1 US-10-431-304-16 Sequence 16, Appl  
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c1336 12 1.1 1 US-09-864-785-348 Sequence 348, Appl  
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c1338 12 1.1 1 US-09-930-423-283 Sequence 283, Appl  
c1339 12 1.1 1 US-09-930-423-464 Sequence 464, Appl  
c1340 12 1.1 1 US-09-930-423-1008 Sequence 1008, Appl  
c1341 12 1.1 1 US-09-930-423-1195 Sequence 1195, Appl  
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c1343 12 1.1 1 US-09-930-423-1524 Sequence 1524, Appl  
c1344 12 1.1 1 US-09-780-164-377 Sequence 37, Appl  
c1345 12 1.1 1 US-09-780-164-506 Sequence 506, Appl  
c1346 12 1.1 1 US-09-780-164-764 Sequence 764, Appl  
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c1348 12 1.1 1 US-09-780-164-979 Sequence 979, Appl

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12 1.1 17 1 US-09-780-164-1022 Sequence 1022, Appl  
12 1.1 17 1 US-09-827-395A-358 Sequence 358, Appl  
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12 1.1 17 1 US-09-827-395A-689 Sequence 689, Appl  
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12 1.1 17 1 US-09-740-332-798 Sequence 798, Appl  
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12 1.1 17 1 US-09-740-332-1527 Sequence 1527, Appl  
12 1.1 17 1 US-09-740-332-3028 Sequence 3028, Appl  
12 1.1 17 1 US-09-740-332-3757 Sequence 3757, Appl  
12 1.1 17 1 US-09-745-237A-283 Sequence 283, Appl  
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12 1.1 17 1 US-10-238-700-2998 Sequence 2998, Appl  
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12 1.1 17 1 US-10-238-700-3214 Sequence 3214, Appl  
12 1.1 17 1 US-10-371-066-22 Sequence 22, Appl  
12 1.1 17 1 US-10-339-782-449 Sequence 449, Appl  
12 1.1 17 1 US-09-817-879-798 Sequence 798, Appl  
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12 1.1 17 1 US-09-817-879-3757 Sequence 3757, Appl  
12 1.1 17 1 US-10-294-203-38 Sequence 38, Appl  
12 1.1 17 1 US-10-368-643-7 Sequence 7, Appl  
12 1.1 17 1 US-10-339-793-20 Sequence 20, Appl  
12 1.1 17 1 US-10-338-777-262 Sequence 262, Appl  
12 1.1 17 1 US-10-170-172-22 Sequence 22, Appl  
12 1.1 17 1 US-10-094-183-18 Sequence 18, Appl  
12 1.1 17 1 US-10-041-856-37 Sequence 37, Appl  
12 1.1 17 1 US-10-138-316-7 Sequence 7, Appl  
12 1.1 17 1 US-10-024-818-38 Sequence 38, Appl  
12 1.1 17 1 US-10-060-998-593 Sequence 593, Appl  
12 1.1 17 1 US-10-060-998-594 Sequence 594, Appl  
12 1.1 17 1 US-10-060-998-595 Sequence 595, Appl  
12 1.1 17 1 US-10-060-998-596 Sequence 596, Appl  
12 1.1 17 1 US-10-060-998-597 Sequence 597, Appl  
12 1.1 17 1 US-10-060-998-598 Sequence 598, Appl  
12 1.1 17 1 US-10-156-306-528 Sequence 528, Appl  
12 1.1 17 1 US-10-156-306-631 Sequence 631, Appl  
12 1.1 17 1 US-10-156-306-4969 Sequence 4969, Appl  
12 1.1 22 1 US-09-998-936-1 Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-10-002-536A-5/c ; Sequence 5, Application US/10002536A  
; Publication No. US20030108874A1  
; GENERAL INFORMATION:  
; APPLICANT: Kane, Michael D.  
; APPLICANT: Nagel, Aaron C.  
; APPLICANT: Dombkowski, Alan A.  
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED  
; TITLE OF INVENTION: (NRNAS) IN EUKARYOTIC ORGANISMS  
; FILE REFERENCE: 65446-87  
; CURRENT APPLICATION NUMBER: US/10/002.536A  
; CURRENT FILING DATE: 2003-02-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

c1129	12.2	1.1	17	1	US-09-848-754A-645	Sequence 645, App	1202	12.2	1.1	17	1	US-10-061-201-1797	Sequence 1797, App
1130	12.2	1.1	17	1	US-09-848-754A-1186	Sequence 1186, App	1203	12.2	1.1	17	1	US-10-061-201-1801	Sequence 1801, App
1131	12.2	1.1	17	1	US-09-848-754A-1566	Sequence 1566, App	1204	12.2	1.1	17	1	US-10-061-201-1803	Sequence 1803, App
1132	12.2	1.1	17	1	US-09-848-754A-2356	Sequence 2356, App	1205	12.2	1.1	17	1	US-10-061-201-2043	Sequence 2043, App
1133	12.2	1.1	17	1	US-09-848-754A-2384	Sequence 2384, App	c1206	12.2	1.1	17	1	US-10-061-201-2056	Sequence 2056, App
1134	12.2	1.1	17	1	US-09-848-754A-2447	Sequence 2447, App	1207	12.2	1.1	17	1	US-10-339-782-87	Sequence 87, Appl
c1135	12.2	1.1	17	1	US-09-848-754A-2545	Sequence 2545, App	c1208	12.2	1.1	17	1	US-09-817-879-108	Sequence 108, App
1136	12.2	1.1	17	1	US-09-848-754A-2625	Sequence 2625, App	c1209	12.2	1.1	17	1	US-09-817-879-1994	Sequence 1994, App
c1137	12.2	1.1	17	1	US-09-848-754A-2991	Sequence 2991, App	1210	12.2	1.1	17	1	US-09-817-879-2799	Sequence 2799, App
1138	12.2	1.1	17	1	US-09-848-754A-3484	Sequence 3484, App	1211	12.2	1.1	17	1	US-09-817-879-3737	Sequence 3737, App
1139	12.2	1.1	17	1	US-09-403-609-5	Sequence 5, Appl	c1212	12.2	1.1	17	1	US-09-817-879-3737	Sequence 3737, App
c1140	12.2	1.1	17	1	US-09-776-474-97	Sequence 97, Appl	1213	12.2	1.1	17	1	US-09-817-879-4447	Sequence 4447, App
1141	12.2	1.1	17	1	US-09-776-474-430	Sequence 430, App	1214	12.2	1.1	17	1	US-10-339-793-192	Sequence 192, App
1142	12.2	1.1	17	1	US-09-776-474-837	Sequence 837, App	1215	12.2	1.1	17	1	US-10-338-777-337	Sequence 337, App
1143	12.2	1.1	17	1	US-09-776-474-1122	Sequence 1122, App	1216	12.2	1.1	17	1	US-10-091-281-130	Sequence 130, App
1144	12.2	1.1	17	1	US-09-776-474-1123	Sequence 1123, App	1217	12.2	1.1	17	1	US-10-091-281-354	Sequence 354, App
1145	12.2	1.1	17	1	US-09-776-474-1124	Sequence 1124, App	1218	12.2	1.1	17	1	US-10-091-281-354	Sequence 354, App
1146	12.2	1.1	17	1	US-09-930-423-80	Sequence 80, Appl	c1219	12.2	1.1	17	1	US-10-230-006-761	Sequence 761, App
1147	12.2	1.1	17	1	US-09-930-423-284	Sequence 284, App	1220	12.2	1.1	17	1	US-10-230-006-2147	Sequence 2147, App
1148	12.2	1.1	17	1	US-09-930-423-433	Sequence 433, App	1221	12.2	1.1	17	1	US-10-203-787-3158	Sequence 3158, App
1149	12.2	1.1	17	1	US-09-930-423-959	Sequence 959, App	c1222	12.2	1.1	17	1	US-10-203-787-3159	Sequence 3159, App
c1150	12.2	1.1	17	1	US-09-930-423-1139	Sequence 1139, App	1223	12.2	1.1	17	1	US-10-041-856-57	Sequence 57, Appl
c1151	12.2	1.1	17	1	US-09-930-423-1276	Sequence 1276, App	c1224	12.2	1.1	17	1	US-10-060-830-43	Sequence 43, Appl
1152	12.2	1.1	17	1	US-09-930-423-1413	Sequence 1413, App	1225	12.2	1.1	17	1	US-10-060-830-148	Sequence 148, App
1153	12.2	1.1	17	1	US-09-930-423-1448	Sequence 1448, App	1226	12.2	1.1	17	1	US-10-060-830-689	Sequence 689, App
1154	12.2	1.1	17	1	US-09-930-423-1534	Sequence 1534, App	c1227	12.2	1.1	17	1	US-10-060-830-690	Sequence 690, App
1155	12.2	1.1	17	1	US-09-930-423-1746	Sequence 1746, App	1228	12.2	1.1	17	1	US-10-060-830-739	Sequence 739, App
1156	12.2	1.1	17	1	US-09-930-423-1775	Sequence 1775, App	c1229	12.2	1.1	17	1	US-10-060-756A-329	Sequence 329, App
1157	12.2	1.1	17	1	US-09-780-164-66	Sequence 66, Appl	1230	12.2	1.1	17	1	US-10-060-756A-696	Sequence 696, App
1158	12.2	1.1	17	1	US-09-780-164-172	Sequence 172, App	c1231	12.2	1.1	17	1	US-10-060-756A-4195	Sequence 4195, App
c1159	12.2	1.1	17	1	US-09-780-164-275	Sequence 275, App	1232	12.2	1.1	17	1	US-10-060-756A-4228	Sequence 4228, App
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c1162	12.2	1.1	17	1	US-09-780-164-926	Sequence 926, App	c1235	12.2	1.1	17	1	US-10-044-632-248	Sequence 248, App
1163	12.2	1.1	17	1	US-09-780-164-1052	Sequence 1052, App	1236	12.2	1.1	17	1	US-10-044-539-248	Sequence 248, App
1164	12.2	1.1	17	1	US-09-827-395A-30	Sequence 30, Appl	c1237	12.2	1.1	17	1	US-10-060-895A-93	Sequence 93, Appl
c1165	12.2	1.1	17	1	US-09-827-395A-78	Sequence 78, Appl	1238	12.2	1.1	17	1	US-10-060-895A-128	Sequence 128, App
c1166	12.2	1.1	17	1	US-09-827-395A-272	Sequence 272, App	1239	12.2	1.1	17	1	US-10-060-895A-706	Sequence 706, App
c1167	12.2	1.1	17	1	US-09-827-395A-623	Sequence 623, App	1240	12.2	1.1	17	1	US-10-060-998-126	Sequence 126, App
c1168	12.2	1.1	17	1	US-09-827-395A-719	Sequence 719, App	1241	12.2	1.1	17	1	US-10-060-998-149	Sequence 149, App
c1169	12.2	1.1	17	1	US-09-827-395A-858	Sequence 858, App	1242	12.2	1.1	17	1	US-10-060-998-927	Sequence 927, App
c1170	12.2	1.1	17	1	US-09-740-332-108	Sequence 108, App	1243	12.2	1.1	17	1	US-10-060-998-928	Sequence 928, App
c1171	12.2	1.1	17	1	US-09-740-332-1994	Sequence 1994, App	1244	12.2	1.1	17	1	US-10-060-998-1221	Sequence 1221, App
1172	12.2	1.1	17	1	US-09-740-332-2799	Sequence 2799, App	1245	12.2	1.1	17	1	US-10-060-998-1364	Sequence 1364, App
1173	12.2	1.1	17	1	US-09-740-332-3737	Sequence 3737, App	1246	12.2	1.1	17	1	US-10-060-998-1365	Sequence 1365, App
c1174	12.2	1.1	17	1	US-09-740-332-4306	Sequence 4306, App	c1247	12.2	1.1	17	1	US-10-163-552-62	Sequence 62, Appl
1175	12.2	1.1	17	1	US-09-740-332-4447	Sequence 4447, App	1248	12.2	1.1	17	1	US-10-163-552-73	Sequence 73, Appl
c1176	12.2	1.1	17	1	US-10-297-068-562	Sequence 562, App	1249	12.2	1.1	17	1	US-10-163-552-135	Sequence 135, App
c1177	12.2	1.1	17	1	US-10-297-068-1235	Sequence 1235, App	1250	12.2	1.1	17	1	US-10-163-552-352	Sequence 352, App
c1178	12.2	1.1	17	1	US-10-376-341-202	Sequence 202, App	c1251	12.2	1.1	17	1	US-10-203-324-17	Sequence 17, Appl
1179	12.2	1.1	17	1	US-09-745-237A-80	Sequence 80, Appl	1252	12.2	1.1	17	1	US-10-156-306-8	Sequence 8, Appl
1180	12.2	1.1	17	1	US-09-745-237A-284	Sequence 284, App	c1253	12.2	1.1	17	1	US-10-156-306-53	Sequence 53, Appl
1181	12.2	1.1	17	1	US-09-745-237A-433	Sequence 433, App	c1254	12.2	1.1	17	1	US-10-156-306-186	Sequence 186, App
1182	12.2	1.1	17	1	US-09-745-237A-959	Sequence 959, App	1255	12.2	1.1	17	1	US-10-156-306-484	Sequence 484, App
c1183	12.2	1.1	17	1	US-09-745-237A-1139	Sequence 1139, App	1256	12.2	1.1	17	1	US-10-156-306-485	Sequence 485, App
c1184	12.2	1.1	17	1	US-09-745-237A-1276	Sequence 1276, App	c1257	12.2	1.1	17	1	US-10-156-306-516	Sequence 516, App
1185	12.2	1.1	17	1	US-09-745-237A-1413	Sequence 1413, App	1258	12.2	1.1	17	1	US-10-156-306-516	Sequence 516, App
1186	12.2	1.1	17	1	US-09-745-237A-1448	Sequence 1448, App	c1259	12.2	1.1	17	1	US-10-156-306-1673	Sequence 1673, App
1187	12.2	1.1	17	1	US-09-745-237A-1534	Sequence 1534, App	c1260	12.2	1.1	17	1	US-10-156-306-1721	Sequence 1721, App
1188	12.2	1.1	17	1	US-09-745-237A-1746	Sequence 1746, App	1261	12.2	1.1	17	1	US-10-156-306-1754	Sequence 1754, App
1189	12.2	1.1	17	1	US-09-745-237A-1775	Sequence 1775, App	c1262	12.2	1.1	17	1	US-10-156-306-2419	Sequence 2419, App
1190	12.2	1.1	17	1	US-09-792-818-319	Sequence 319, App	c1263	12.2	1.1	17	1	US-10-156-306-4897	Sequence 4897, App
c1191	12.2	1.1	17	1	US-09-792-818-391	Sequence 391, App	c1264	12.2	1.1	17	1	US-10-156-306-5001	Sequence 5001, App
1192	12.2	1.1	17	1	US-09-792-818-623	Sequence 623, App	c1265	12.2	1.1	17	1	US-10-156-306-5182	Sequence 5182, App
c1193	12.2	1.1	17	1	US-09-882-945A-292	Sequence 292, App	c1266	12.2	1.1	17	1	US-10-156-306-5839	Sequence 5839, App
1194	12.2	1.1	17	1	US-10-211-060-61	Sequence 61, Appl	c1267	12.2	1.1	17	1	US-10-156-306-5921	Sequence 5921, App
1195	12.2	1.1	17	1	US-10-138-888-50	Sequence 50, Appl	1268	12.2	1.1	17	1	US-10-156-306-6905	Sequence 6905, App
c1196	12.2	1.1	17	1	US-10-238-700-286	Sequence 286, App	1269	12.2	1.1	17	1	US-10-255-434-10	Sequence 10, Appl
1197	12.2	1.1	17	1	US-10-238-700-481	Sequence 481, App	c1270	12.2	1.1	17	1	US-10-255-434-22	Sequence 22, Appl
1198	12.2	1.1	17	1	US-10-238-700-889	Sequence 889, App	c1271	12.2	1.1	18	1	US-09-774-381-11	Sequence 11, Appl
1199	12.2	1.1	17	1	US-10-238-700-2979	Sequence 2979, App	1272	12.2	1.1	20	1	US-10-175-492-15	Sequence 15, Appl
c1200	12.2	1.1	17	1	US-10-061-201-1178	Sequence 1178, App	1273	12.2	1.1	20	1	US-10-175-492-93	Sequence 93, Appl
c1201	12.2	1.1	17	1	US-10-061-201-1286	Sequence 1286, App	c1274	12	1.1	12	1	US-08-870-434-16	Sequence 16, Appl



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C 984	12.4	1.1	17	1	US-09-866-108-7667	Sequence 7667, App	1057	12.4	1.1	17	1	US-10-156-306-1299	Sequence 1299, App
C 985	12.4	1.1	17	1	US-09-866-108-7671	Sequence 7671, App	1058	12.4	1.1	17	1	US-10-156-306-1331	Sequence 1331, App
C 986	12.4	1.1	17	1	US-09-866-108-7792	Sequence 7792, App	1059	12.4	1.1	17	1	US-10-156-306-3745	Sequence 3745, App
C 987	12.4	1.1	17	1	US-09-866-108-7793	Sequence 7793, App	1060	12.4	1.1	17	1	US-10-156-306-4410	Sequence 4410, App
C 988	12.4	1.1	17	1	US-09-866-108-7794	Sequence 7794, App	1061	12.4	1.1	17	1	US-10-156-306-4432	Sequence 4432, App
C 989	12.4	1.1	17	1	US-09-866-108-7795	Sequence 7795, App	1062	12.4	1.1	17	1	US-10-156-306-4876	Sequence 4876, App
C 990	12.4	1.1	17	1	US-09-866-108-8103	Sequence 8103, App	1063	12.4	1.1	17	1	US-10-156-306-4967	Sequence 4967, App
C 991	12.4	1.1	17	1	US-09-866-108-8104	Sequence 8104, App	1064	12.4	1.1	17	1	US-10-156-306-4968	Sequence 4968, App
C 992	12.4	1.1	17	1	US-09-866-108-8105	Sequence 8105, App	1065	12.4	1.1	17	1	US-10-156-306-5818	Sequence 5818, App
C 993	12.4	1.1	17	1	US-09-866-108-8106	Sequence 8106, App	1066	12.4	1.1	17	1	US-10-156-306-5898	Sequence 5898, App
C 994	12.4	1.1	17	1	US-09-866-108-8385	Sequence 8385, App	1067	12.2	1.1	14	1	US-10-015-593-1	Sequence 1, Appl
C 995	12.4	1.1	17	1	US-09-866-108-8386	Sequence 8386, App	1068	12.2	1.1	14	1	US-10-160-865-10	Sequence 10, Appl
C 996	12.4	1.1	17	1	US-09-866-108-8651	Sequence 8651, App	1069	12.2	1.1	17	1	US-09-866-108-1176	Sequence 176, App
C 997	12.4	1.1	17	1	US-09-864-785-246	Sequence 246, App	1070	12.2	1.1	17	1	US-09-866-108-1399	Sequence 199, App
C 998	12.4	1.1	17	1	US-09-825-805-376	Sequence 376, App	1071	12.2	1.1	17	1	US-09-866-108-212	Sequence 212, App
C 999	12.4	1.1	17	1	US-09-825-805-467	Sequence 467, App	1072	12.2	1.1	17	1	US-09-866-108-559	Sequence 559, App
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C1002	12.4	1.1	17	1	US-09-825-805-637	Sequence 637, App	1075	12.2	1.1	17	1	US-09-866-108-1387	Sequence 1387, App
C1003	12.4	1.1	17	1	US-09-825-805-666	Sequence 666, App	1076	12.2	1.1	17	1	US-09-866-108-2231	Sequence 2231, App
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C1005	12.4	1.1	17	1	US-09-818-875-2218	Sequence 2218, App	1078	12.2	1.1	17	1	US-09-866-108-2245	Sequence 2245, App
C1006	12.4	1.1	17	1	US-09-818-875-2219	Sequence 2219, App	1079	12.2	1.1	17	1	US-09-866-108-6365	Sequence 6365, App
C1007	12.4	1.1	17	1	US-09-784-674-108	Sequence 108, App	1080	12.2	1.1	17	1	US-09-866-108-6541	Sequence 6541, App
C1008	12.4	1.1	17	1	US-09-780-533A-420	Sequence 420, App	1081	12.2	1.1	17	1	US-09-866-108-6619	Sequence 6619, App
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C1011	12.4	1.1	17	1	US-09-877-478-319	Sequence 319, App	1084	12.2	1.1	17	1	US-09-866-108-7380	Sequence 7380, App
C1012	12.4	1.1	17	1	US-09-848-754A-415	Sequence 415, App	1085	12.2	1.1	17	1	US-09-866-108-7684	Sequence 7684, App
C1013	12.4	1.1	17	1	US-09-776-474-472	Sequence 472, App	1086	12.2	1.1	17	1	US-09-866-108-8240	Sequence 8240, App
C1014	12.4	1.1	17	1	US-09-776-474-473	Sequence 473, App	1087	12.2	1.1	17	1	US-09-866-108-8309	Sequence 8309, App
C1015	12.4	1.1	17	1	US-09-740-332-1783	Sequence 1783, App	1088	12.2	1.1	17	1	US-09-866-108-8377	Sequence 8377, App
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C1017	12.4	1.1	17	1	US-10-307-005-1559	Sequence 1559, App	1090	12.2	1.1	17	1	US-09-866-108-8456	Sequence 8456, App
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C1019	12.4	1.1	17	1	US-09-792-818-366	Sequence 366, App	1092	12.2	1.1	17	1	US-09-866-108-8950	Sequence 8950, App
C1020	12.4	1.1	17	1	US-09-792-818-368	Sequence 368, App	1093	12.2	1.1	17	1	US-09-866-108-8996	Sequence 8996, App
C1021	12.4	1.1	17	1	US-10-238-700-389	Sequence 389, App	1094	12.2	1.1	17	1	US-09-866-108-9035	Sequence 9035, App
C1022	12.4	1.1	17	1	US-10-238-700-395	Sequence 395, App	1095	12.2	1.1	17	1	US-09-866-108-10218	Sequence 10218, A
C1023	12.4	1.1	17	1	US-10-238-700-2702	Sequence 2702, App	1096	12.2	1.1	17	1	US-09-866-108-10477	Sequence 10477, A
C1024	12.4	1.1	17	1	US-10-238-700-3400	Sequence 3400, App	1097	12.2	1.1	17	1	US-09-827-998-367	Sequence 367, App
C1025	12.4	1.1	17	1	US-10-339-782-248	Sequence 248, App	1098	12.2	1.1	17	1	US-09-827-998-466	Sequence 466, App
C1026	12.4	1.1	17	1	US-10-339-782-467	Sequence 467, App	1099	12.2	1.1	17	1	US-09-864-785-145	Sequence 145, App
C1027	12.4	1.1	17	1	US-09-817-879-1783	Sequence 1783, App	1100	12.2	1.1	17	1	US-09-864-785-222	Sequence 222, App
C1028	12.4	1.1	17	1	US-09-817-879-2772	Sequence 2772, App	1101	12.2	1.1	17	1	US-09-864-785-224	Sequence 244, App
C1029	12.4	1.1	17	1	US-10-339-793-142	Sequence 142, App	1102	12.2	1.1	17	1	US-09-864-785-244	Sequence 244, App
C1030	12.4	1.1	17	1	US-10-339-777-382	Sequence 382, App	1103	12.2	1.1	17	1	US-09-864-785-586	Sequence 586, App
C1031	12.4	1.1	17	1	US-10-209-787-2218	Sequence 2218, App	1104	12.2	1.1	17	1	US-09-864-785-588	Sequence 588, App
C1032	12.4	1.1	17	1	US-10-209-787-2219	Sequence 2219, App	1105	12.2	1.1	17	1	US-09-864-785-589	Sequence 589, App
C1033	12.4	1.1	17	1	US-10-041-856-35	Sequence 35, Appl	1106	12.2	1.1	17	1	US-09-864-785-1589	Sequence 1589, App
C1034	12.4	1.1	17	1	US-10-060-830-740	Sequence 740, App	1107	12.2	1.1	17	1	US-09-864-785-1595	Sequence 1595, App
C1035	12.4	1.1	17	1	US-10-060-830-741	Sequence 741, App	1108	12.2	1.1	17	1	US-09-825-805-331	Sequence 331, App
C1036	12.4	1.1	17	1	US-10-060-830-742	Sequence 742, App	1109	12.2	1.1	17	1	US-09-825-805-604	Sequence 604, App
C1037	12.4	1.1	17	1	US-10-060-830-743	Sequence 743, App	1110	12.2	1.1	17	1	US-09-825-805-683	Sequence 683, App
C1038	12.4	1.1	17	1	US-10-060-895A-113	Sequence 113, App	1111	12.2	1.1	17	1	US-09-961-077-176	Sequence 176, App
C1039	12.4	1.1	17	1	US-10-060-895A-114	Sequence 114, App	1112	12.2	1.1	17	1	US-09-961-077-666	Sequence 666, App
C1040	12.4	1.1	17	1	US-10-060-895A-115	Sequence 115, App	1113	12.2	1.1	17	1	US-09-961-077-881	Sequence 881, App
C1041	12.4	1.1	17	1	US-10-060-895A-116	Sequence 116, App	1114	12.2	1.1	17	1	US-09-961-077-884	Sequence 884, App
C1042	12.4	1.1	17	1	US-10-163-552-219	Sequence 219, App	1115	12.2	1.1	17	1	US-09-961-077-885	Sequence 885, App
C1043	12.4	1.1	17	1	US-10-163-552-222	Sequence 222, App	1116	12.2	1.1	17	1	US-09-961-077-885	Sequence 885, App
C1044	12.4	1.1	17	1	US-10-163-552-223	Sequence 223, App	1117	12.2	1.1	17	1	US-09-818-875-3158	Sequence 3158, App
C1045	12.4	1.1	17	1	US-10-163-552-263	Sequence 263, App	1118	12.2	1.1	17	1	US-09-818-875-3159	Sequence 3159, App
C1046	12.4	1.1	17	1	US-10-163-552-333	Sequence 333, App	1119	12.2	1.1	17	1	US-09-780-533A-237	Sequence 237, App
C1047	12.4	1.1	17	1	US-10-163-552-334	Sequence 334, App	1120	12.2	1.1	17	1	US-09-780-533A-1168	Sequence 1168, App
C1048	12.4	1.1	17	1	US-10-163-552-358	Sequence 358, App	1121	12.2	1.1	17	1	US-09-780-533A-1169	Sequence 1169, App
C1049	12.4	1.1	17	1	US-10-163-552-423	Sequence 423, App	1122	12.2	1.1	17	1	US-09-780-533A-1623	Sequence 1623, App
C1050	12.4	1.1	17	1	US-10-163-552-828	Sequence 828, App	1123	12.2	1.1	17	1	US-09-780-533A-2172	Sequence 2172, App
C1051	12.4	1.1	17	1	US-10-156-306-26	Sequence 26, Appl	1124	12.2	1.1	17	1	US-09-780-533A-2580	Sequence 2580, App
C1052	12.4	1.1	17	1	US-10-156-306-79	Sequence 79, Appl	1125	12.2	1.1	17	1	US-09-877-478-1079	Sequence 1079, App
C1053	12.4	1.1	17	1	US-10-156-306-80	Sequence 80, Appl	1126	12.2	1.1	17	1	US-09-877-478-109	Sequence 2109, App
C1054	12.4	1.1	17	1	US-10-156-306-81	Sequence 81, Appl	1127	12.2	1.1	17	1	US-09-848-754A-293	Sequence 293, App
C1055	12.4	1.1	17	1	US-10-156-306-86	Sequence 86, Appl	1128	12.2	1.1	17	1	US-09-848-754A-360	Sequence 360, App

C 837 13 1.2 1 US-10-017-995-868 Sequence 868, App  
C 838 13 1.2 1 US-10-149-121-9 Sequence 911  
C 839 13 1.2 1 US-10-325-881-56 Sequence 56, Appl  
C 840 13 1.2 1 US-10-180-196-6 Sequence 6, Appl  
C 841 13 1.2 1 US-09-810-936-130 Sequence 130, App  
C 842 13 1.2 1 US-09-738-973-47 Sequence 47, Appl  
C 843 13 1.2 1 US-09-429-755-130 Sequence 130, App  
C 844 13 1.2 1 US-09-924-400-130 Sequence 130, App  
C 845 13 1.2 1 US-09-854-133-47 Sequence 47, Appl  
C 846 13 1.2 1 US-10-385-450-19 Sequence 19, Appl  
C 847 13 1.2 1 US-10-385-450-20 Sequence 20, Appl  
C 848 13 1.2 1 US-10-103-614A-2 Sequence 2, Appl  
C 849 13 1.2 1 US-10-101-844-23 Sequence 23, Appl  
C 850 13 1.2 1 US-10-144-649A-47 Sequence 47, Appl  
C 851 13 1.2 1 US-10-212-679-130 Sequence 130, App  
C 852 13 1.2 1 US-09-504-231A-440 Sequence 440, App  
C 853 13 1.2 1 US-09-504-231A-1245 Sequence 1245, App  
C 854 13 1.2 1 US-09-274-553D-440 Sequence 440, App  
C 855 13 1.2 1 US-09-274-553D-1245 Sequence 1245, App  
C 856 13 1.2 1 US-09-263-959-59 Sequence 59, Appl  
C 857 13 1.2 1 US-10-010-802-180 Sequence 180, App  
C 858 13 1.2 1 US-10-287-919-2272 Sequence 2272, App  
C 859 13 1.2 1 US-10-287-919-2240 Sequence 2400, App  
C 860 13 1.2 1 US-10-331-907-423 Sequence 423, App  
C 861 13 1.2 1 US-09-866-108-1758 Sequence 1758, App  
C 862 13 1.2 1 US-09-866-108-1759 Sequence 1759, App  
C 863 13 1.2 1 US-09-866-108-1760 Sequence 1760, App  
C 864 13 1.2 1 US-09-866-108-1761 Sequence 1761, App  
C 865 13 1.2 1 US-09-866-108-1762 Sequence 1762, App  
C 866 13 1.2 1 US-10-339-782-358 Sequence 358, App  
C 867 13 1.2 1 US-10-156-306-527 Sequence 527, App  
C 868 13 1.2 1 US-09-969-373-3287 Sequence 3287, App  
C 869 13 1.2 1 US-10-106-799-2 Sequence 2, Appl  
C 870 13 1.2 1 US-10-106-799-3 Sequence 3, Appl  
C 871 13 1.2 1 US-09-823-887C-6 Sequence 6, Appl  
C 872 13 1.2 1 US-09-823-887C-7 Sequence 7, Appl  
C 873 13 1.2 1 US-10-109-363-17 Sequence 17, Appl  
C 874 13 1.2 1 US-10-109-363-18 Sequence 18, Appl  
C 875 13 1.2 1 US-10-181-603-10 Sequence 10, Appl  
C 876 13 1.2 1 US-10-509-608-44 Sequence 44, Appl  
C 877 12.8 1.2 1 US-09-263-959-950 Sequence 950, App  
C 878 12.8 1.2 1 US-10-084-839-3790 Sequence 3790, App  
C 879 12.8 1.2 1 US-09-866-108-1787 Sequence 1787, App  
C 880 12.8 1.2 1 US-09-866-108-1788 Sequence 1788, App  
C 881 12.8 1.2 1 US-09-866-108-6595 Sequence 6595, App  
C 882 12.8 1.2 1 US-09-866-108-6596 Sequence 6596, App  
C 883 12.8 1.2 1 US-09-866-108-7586 Sequence 7586, App  
C 884 12.8 1.2 1 US-09-866-108-7587 Sequence 7587, App  
C 885 12.8 1.2 1 US-09-866-108-8378 Sequence 8378, App  
C 886 12.8 1.2 1 US-09-866-108-8384 Sequence 8384, App  
C 887 12.8 1.2 1 US-09-866-108-8655 Sequence 8655, App  
C 888 12.8 1.2 1 US-09-827-998-483 Sequence 483, App  
C 889 12.8 1.2 1 US-09-827-998-485 Sequence 485, App  
C 890 12.8 1.2 1 US-09-864-785-146 Sequence 146, App  
C 891 12.8 1.2 1 US-09-864-785-245 Sequence 245, App  
C 892 12.8 1.2 1 US-09-864-785-587 Sequence 587, App  
C 893 12.8 1.2 1 US-09-864-785-1488 Sequence 1488, App  
C 894 12.8 1.2 1 US-09-825-805-408 Sequence 408, App  
C 895 12.8 1.2 1 US-09-825-805-557 Sequence 557, App  
C 896 12.8 1.2 1 US-09-825-805-856 Sequence 856, App  
C 897 12.8 1.2 1 US-09-961-077-149 Sequence 149, App  
C 898 12.8 1.2 1 US-09-961-077-863 Sequence 863, App  
C 899 12.8 1.2 1 US-09-765-061B-44 Sequence 44, Appl  
C 900 12.8 1.2 1 US-09-818-875-599 Sequence 599, App  
C 901 12.8 1.2 1 US-09-818-875-600 Sequence 600, App  
C 902 12.8 1.2 1 US-09-784-674-112 Sequence 112, App  
C 903 12.8 1.2 1 US-09-780-533A-1170 Sequence 1170, App  
C 904 12.8 1.2 1 US-09-780-533A-1424 Sequence 1424, App  
C 905 12.8 1.2 1 US-09-780-533A-1891 Sequence 1891, App  
C 906 12.8 1.2 1 US-09-780-533A-1940 Sequence 1940, App  
C 907 12.8 1.2 1 US-09-780-533A-2483 Sequence 2483, App  
C 908 12.8 1.2 1 US-09-877-478-2454 Sequence 2454, App  
C 909 12.8 1.2 1 US-09-848-754A-257 Sequence 257, App

C 910 12.8 1.2 1 US-09-848-754A-1350 Sequence 1350, App  
C 911 12.8 1.2 1 US-09-848-754A-1419 Sequence 1419, App  
C 912 12.8 1.2 1 US-09-848-754A-2448 Sequence 2448, App  
C 913 12.8 1.2 1 US-09-776-474-440 Sequence 440, App  
C 914 12.8 1.2 1 US-09-776-474-471 Sequence 471, App  
C 915 12.8 1.2 1 US-09-776-474-1093 Sequence 1093, App  
C 916 12.8 1.2 1 US-09-930-423-1741 Sequence 1741, App  
C 917 12.8 1.2 1 US-09-930-423-1745 Sequence 1745, App  
C 918 12.8 1.2 1 US-09-780-164-892 Sequence 892, App  
C 919 12.8 1.2 1 US-09-827-395A-273 Sequence 273, App  
C 920 12.8 1.2 1 US-09-827-395A-561 Sequence 561, App  
C 921 12.8 1.2 1 US-09-827-395A-646 Sequence 646, App  
C 922 12.8 1.2 1 US-09-827-395A-893 Sequence 893, App  
C 923 12.8 1.2 1 US-09-827-395A-894 Sequence 894, App  
C 924 12.8 1.2 1 US-09-740-332-1032 Sequence 1032, App  
C 925 12.8 1.2 1 US-09-740-332-3523 Sequence 3523, App  
C 926 12.8 1.2 1 US-10-307-005-1755 Sequence 1755, App  
C 927 12.8 1.2 1 US-10-307-005-1756 Sequence 1756, App  
C 928 12.8 1.2 1 US-10-307-005-1995 Sequence 1995, App  
C 929 12.8 1.2 1 US-10-307-005-1996 Sequence 1996, App  
C 930 12.8 1.2 1 US-09-745-237A-1741 Sequence 1741, App  
C 931 12.8 1.2 1 US-09-745-237A-1745 Sequence 1745, App  
C 932 12.8 1.2 1 US-10-238-700-2933 Sequence 2933, App  
C 933 12.8 1.2 1 US-10-169-983-2 Sequence 2, Appl  
C 934 12.8 1.2 1 US-10-061-201-1670 Sequence 1670, App  
C 935 12.8 1.2 1 US-10-061-201-1671 Sequence 1671, App  
C 936 12.8 1.2 1 US-09-817-879-1032 Sequence 1032, App  
C 937 12.8 1.2 1 US-09-817-879-3523 Sequence 3523, App  
C 938 12.8 1.2 1 US-10-339-793-68 Sequence 68, Appl  
C 939 12.8 1.2 1 US-10-230-006-760 Sequence 760, App  
C 940 12.8 1.2 1 US-10-209-787-599 Sequence 599, App  
C 941 12.8 1.2 1 US-10-209-787-600 Sequence 600, App  
C 942 12.8 1.2 1 US-10-020-038-14 Sequence 14, Appl  
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C 944 12.8 1.2 1 US-10-163-552-845 Sequence 845, App  
C 945 12.8 1.2 1 US-10-163-552-890 Sequence 890, App  
C 946 12.8 1.2 1 US-10-163-552-891 Sequence 891, App  
C 947 12.8 1.2 1 US-10-163-552-984 Sequence 984, App  
C 948 12.8 1.2 1 US-10-156-306-11 Sequence 11, Appl  
C 949 12.8 1.2 1 US-10-156-306-557 Sequence 557, App  
C 950 12.8 1.2 1 US-10-156-306-1273 Sequence 1273, App  
C 951 12.8 1.2 1 US-10-156-306-1646 Sequence 1646, App  
C 952 12.8 1.2 1 US-10-156-306-1672 Sequence 1672, App  
C 953 12.8 1.2 1 US-10-156-306-2407 Sequence 2407, App  
C 954 12.8 1.2 1 US-10-156-306-3523 Sequence 3523, App  
C 955 12.8 1.2 1 US-10-156-306-4867 Sequence 4867, App  
C 956 12.8 1.2 1 US-10-156-306-6865 Sequence 6865, App  
C 957 12.8 1.2 1 US-09-736-084-66 Sequence 66, Appl  
C 958 12.8 1.2 1 US-09-880-732-49 Sequence 49, Appl  
C 959 12.8 1.2 1 US-09-969-373-3446 Sequence 3446, App  
C 960 12.8 1.2 1 US-09-765-061B-60 Sequence 60, Appl  
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C 962 12.8 1.2 1 US-09-824-322B-175 Sequence 175, App  
C 963 12.8 1.2 1 US-08-824-322B-176 Sequence 176, App  
C 964 12.8 1.2 1 US-09-918-156-47 Sequence 47, Appl  
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C 966 12.8 1.2 1 US-10-270-839-125 Sequence 125, App  
C 967 12.8 1.2 1 US-10-440-850-1109 Sequence 1109, App  
C 968 12.8 1.2 1 US-10-100-516-14 Sequence 14, Appl  
C 969 12.6 1.1 1 US-10-269-031A-122 Sequence 122, App  
C 970 12.6 1.1 1 US-10-269-031A-123 Sequence 123, App  
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C 972 12.4 1.1 1 US-09-152-059-116 Sequence 116, App  
C 973 12.4 1.1 1 US-09-998-780-12 Sequence 12, Appl  
C 974 12.4 1.1 1 US-10-008-029-116 Sequence 116, App  
C 975 12.4 1.1 1 US-10-208-650-116 Sequence 116, App  
C 976 12.4 1.1 1 US-09-504-231A-1098 Sequence 1098, App  
C 977 12.4 1.1 1 US-09-504-231A-1243 Sequence 1243, App  
C 978 12.4 1.1 1 US-09-274-553D-1098 Sequence 1098, App  
C 979 12.4 1.1 1 US-09-274-553D-1243 Sequence 1243, App  
C 980 12.4 1.1 1 US-10-056-414-259 Sequence 259, App  
C 981 12.4 1.1 1 US-10-056-414-260 Sequence 260, App  
C 982 12.4 1.1 1 US-10-156-306-7797 Sequence 7797, App

Sequence 868, App  
Sequence 911  
Sequence 56, Appl  
Sequence 6, Appl  
Sequence 130, App  
Sequence 47, Appl  
Sequence 130, App  
Sequence 130, App  
Sequence 47, Appl  
Sequence 19, Appl  
Sequence 20, Appl  
Sequence 2, Appl  
Sequence 23, Appl  
Sequence 47, Appl  
Sequence 440, App  
Sequence 1245, App  
Sequence 440, App  
Sequence 1245, App  
Sequence 59, Appl  
Sequence 180, App  
Sequence 2272, App  
Sequence 2400, App  
Sequence 423, App  
Sequence 1758, App  
Sequence 1759, App  
Sequence 1760, App  
Sequence 1761, App  
Sequence 1762, App  
Sequence 358, App  
Sequence 527, App  
Sequence 3287, App  
Sequence 2, Appl  
Sequence 3, Appl  
Sequence 6, Appl  
Sequence 7, Appl  
Sequence 17, Appl  
Sequence 18, Appl  
Sequence 10, Appl  
Sequence 44, Appl  
Sequence 950, App  
Sequence 3790, App  
Sequence 1787, App  
Sequence 1788, App  
Sequence 6595, App  
Sequence 6596, App  
Sequence 7586, App  
Sequence 7587, App  
Sequence 8378, App  
Sequence 8384, App  
Sequence 8655, App  
Sequence 483, App  
Sequence 485, App  
Sequence 146, App  
Sequence 245, App  
Sequence 587, App  
Sequence 1488, App  
Sequence 408, App  
Sequence 557, App  
Sequence 856, App  
Sequence 149, App  
Sequence 863, App  
Sequence 44, Appl  
Sequence 599, App  
Sequence 600, App  
Sequence 112, App  
Sequence 1170, App  
Sequence 1424, App  
Sequence 1891, App  
Sequence 1940, App  
Sequence 2483, App  
Sequence 2454, App  
Sequence 257, App

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c 547	14	1.3	14	1	US-09-152-059-141	Sequence 141, App	619	14	1.3	14	1	US-10-008-029-145	Sequence 145, App
548	14	1.3	14	1	US-09-152-059-142	Sequence 142, App	621	14	1.3	14	1	US-10-008-029-146	Sequence 146, App
549	14	1.3	14	1	US-09-152-059-143	Sequence 143, App	c 622	14	1.3	14	1	US-10-008-029-147	Sequence 147, App
c 550	14	1.3	14	1	US-09-152-059-144	Sequence 144, App	c 623	14	1.3	14	1	US-10-008-029-148	Sequence 148, App
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552	14	1.3	14	1	US-09-152-059-146	Sequence 146, App	c 625	14	1.3	14	1	US-10-008-029-150	Sequence 150, App
c 553	14	1.3	14	1	US-10-008-029-147	Sequence 147, App	c 626	14	1.3	14	1	US-10-008-029-151	Sequence 151, App
c 554	14	1.3	14	1	US-10-008-029-148	Sequence 148, App	627	14	1.3	14	1	US-10-008-029-152	Sequence 152, App
c 555	14	1.3	14	1	US-10-008-029-149	Sequence 149, App	628	14	1.3	14	1	US-10-008-029-153	Sequence 153, App
c 556	14	1.3	14	1	US-10-008-029-150	Sequence 150, App	629	14	1.3	14	1	US-10-008-029-154	Sequence 154, App
c 557	14	1.3	14	1	US-10-008-029-151	Sequence 151, App	c 630	14	1.3	14	1	US-10-008-029-155	Sequence 155, App
558	14	1.3	14	1	US-10-008-029-152	Sequence 152, App	631	14	1.3	14	1	US-10-008-029-156	Sequence 156, App
559	14	1.3	14	1	US-10-008-029-153	Sequence 153, App	c 632	14	1.3	14	1	US-10-008-029-157	Sequence 157, App
c 560	14	1.3	14	1	US-10-008-029-154	Sequence 154, App	633	14	1.3	14	1	US-10-008-029-158	Sequence 158, App
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c 562	14	1.3	14	1	US-10-008-029-156	Sequence 156, App	c 635	14	1.3	14	1	US-10-008-029-160	Sequence 160, App
563	14	1.3	14	1	US-10-008-029-157	Sequence 157, App	636	14	1.3	14	1	US-10-008-029-161	Sequence 161, App
c 564	14	1.3	14	1	US-10-008-029-158	Sequence 158, App	637	14	1.3	14	1	US-10-008-029-162	Sequence 162, App
565	14	1.3	14	1	US-10-008-029-159	Sequence 159, App	c 638	14	1.3	14	1	US-10-008-029-163	Sequence 163, App
c 566	14	1.3	14	1	US-10-008-029-160	Sequence 160, App	639	14	1.3	14	1	US-10-008-029-164	Sequence 164, App
567	14	1.3	14	1	US-10-008-029-161	Sequence 161, App	640	14	1.3	14	1	US-10-008-029-165	Sequence 165, App
c 568	14	1.3	14	1	US-10-008-029-162	Sequence 162, App	641	14	1.3	14	1	US-10-008-029-166	Sequence 166, App
c 569	14	1.3	14	1	US-10-008-029-163	Sequence 163, App	642	14	1.3	14	1	US-10-008-029-167	Sequence 167, App
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571	14	1.3	14	1	US-10-008-029-165	Sequence 165, App	644	14	1.3	14	1	US-10-008-029-169	Sequence 169, App
572	14	1.3	14	1	US-10-008-029-166	Sequence 166, App	645	14	1.3	14	1	US-10-008-029-170	Sequence 170, App
573	14	1.3	14	1	US-10-008-029-167	Sequence 167, App	c 646	14	1.3	14	1	US-10-008-029-171	Sequence 171, App
c 574	14	1.3	14	1	US-10-008-029-168	Sequence 168, App	647	14	1.3	14	1	US-10-008-029-172	Sequence 172, App
575	14	1.3	14	1	US-10-008-029-169	Sequence 169, App	648	14	1.3	14	1	US-10-008-029-173	Sequence 173, App
c 576	14	1.3	14	1	US-10-008-029-170	Sequence 170, App	c 649	14	1.3	14	1	US-10-008-029-174	Sequence 174, App
577	14	1.3	14	1	US-10-008-029-171	Sequence 171, App	650	14	1.3	14	1	US-10-008-029-175	Sequence 175, App
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579	14	1.3	14	1	US-10-008-029-173	Sequence 173, App	c 652	14	1.3	14	1	US-10-008-029-177	Sequence 177, App
c 580	14	1.3	14	1	US-10-008-029-174	Sequence 174, App	653	14	1.3	14	1	US-10-008-029-178	Sequence 178, App
581	14	1.3	14	1	US-10-008-029-175	Sequence 175, App	c 654	14	1.3	14	1	US-10-008-029-179	Sequence 179, App
c 582	14	1.3	14	1	US-10-008-029-176	Sequence 176, App	655	14	1.3	14	1	US-10-008-029-180	Sequence 180, App
583	14	1.3	14	1	US-10-008-029-177	Sequence 177, App	c 656	14	1.3	14	1	US-10-008-029-181	Sequence 181, App
c 584	14	1.3	14	1	US-10-008-029-178	Sequence 178, App	657	14	1.3	14	1	US-10-008-029-182	Sequence 182, App
585	14	1.3	14	1	US-10-008-029-179	Sequence 179, App	c 658	14	1.3	14	1	US-10-008-029-183	Sequence 183, App
c 586	14	1.3	14	1	US-10-008-029-180	Sequence 180, App	659	14	1.3	14	1	US-10-008-029-184	Sequence 184, App
587	14	1.3	14	1	US-10-008-029-181	Sequence 181, App	c 660	14	1.3	14	1	US-10-008-029-185	Sequence 185, App
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589	14	1.3	14	1	US-10-008-029-183	Sequence 183, App	662	14	1.3	14	1	US-10-008-029-187	Sequence 187, App
c 590	14	1.3	14	1	US-10-008-029-184	Sequence 184, App	663	14	1.3	14	1	US-10-008-029-188	Sequence 188, App
591	14	1.3	14	1	US-10-008-029-185	Sequence 185, App	c 664	14	1.3	14	1	US-10-008-029-189	Sequence 189, App
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593	14	1.3	14	1	US-10-008-029-187	Sequence 187, App	c 666	14	1.3	14	1	US-10-008-029-191	Sequence 191, App
c 594	14	1.3	14	1	US-10-008-029-188	Sequence 188, App	667	14	1.3	14	1	US-10-008-029-192	Sequence 192, App
595	14	1.3	14	1	US-10-008-029-189	Sequence 189, App	c 668	14	1.3	14	1	US-10-008-029-193	Sequence 193, App
c 596	14	1.3	14	1	US-10-008-029-190	Sequence 190, App	669	14	1.3	14	1	US-10-008-029-194	Sequence 194, App
597	14	1.3	14	1	US-10-008-029-191	Sequence 191, App	c 670	14	1.3	14	1	US-10-008-029-195	Sequence 195, App
c 598	14	1.3	14	1	US-10-008-029-192	Sequence 192, App	671	14	1.3	14	1	US-10-008-029-196	Sequence 196, App
599	14	1.3	14	1	US-10-008-029-193	Sequence 193, App	c 672	14	1.3	14	1	US-10-008-029-197	Sequence 197, App
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601	14	1.3	14	1	US-10-008-029-195	Sequence 195, App	c 674	14	1.3	14	1	US-10-008-029-199	Sequence 199, App
c 602	14	1.3	14	1	US-10-008-029-196	Sequence 196, App	675	14	1.3	14	1	US-10-008-029-200	Sequence 200, App
603	14	1.3	14	1	US-10-008-029-197	Sequence 197, App	c 676	14	1.3	14	1	US-10-008-029-201	Sequence 201, App
c 604	14	1.3	14	1	US-10-008-029-198	Sequence 198, App	677	14	1.3	14	1	US-10-008-029-202	Sequence 202, App
605	14	1.3	14	1	US-10-008-029-199	Sequence 199, App	c 678	14	1.3	14	1	US-10-008-029-203	Sequence 203, App
c 606	14	1.3	14	1	US-10-008-029-200	Sequence 200, App	679	14	1.3	14	1	US-10-008-029-204	Sequence 204, App
607	14	1.3	14	1	US-10-008-029-201	Sequence 201, App	c 680	14	1.3	14	1	US-10-008-029-205	Sequence 205, App
c 608	14	1.3	14	1	US-10-008-029-202	Sequence 202, App	681	14	1.3	14	1	US-10-008-029-206	Sequence 206, App
609	14	1.3	14	1	US-10-008-029-203	Sequence 203, App	c 682	14	1.3	14	1	US-10-008-029-207	Sequence 207, App
c 610	14	1.3	14	1	US-10-008-029-204	Sequence 204, App	683	14	1.3	14	1	US-10-008-029-208	Sequence 208, App
611	14	1.3	14	1	US-10-008-029-205	Sequence 205, App	c 684	14	1.3	14	1	US-10-008-029-209	Sequence 209, App
c 612	14	1.3	14	1	US-10-008-029-206	Sequence 206, App	685	14	1.3	14	1	US-10-008-029-210	Sequence 210, App
613	14	1.3	14	1	US-10-008-029-207	Sequence 207, App	c 686	14	1.3	14	1	US-10-008-029-211	Sequence 211, App
c 614	14	1.3	14	1	US-10-008-029-208	Sequence 208, App	687	14	1.3	14	1	US-10-008-029-212	Sequence 212, App
615	14	1.3	14	1	US-10-008-029-209	Sequence 209, App	c 688	14	1.3	14	1	US-10-008-029-213	Sequence 213, App
c 616	14	1.3	14	1	US-10-008-029-210	Sequence 210, App	689	14	1.3	14	1	US-10-008-029-214	Sequence 214, App
617	14	1.3	14	1	US-10-008-029-211	Sequence 211, App	c 690	14	1.3	14	1	US-10-008-029-215	Sequence 215, App

399	15	1.4	16	1	US-10-164-915-2	Sequence 2, Appl	472	14.2	1.3	20	1	US-10-177-554-187	Sequence 187, App
C 400	15	1.4	16	1	US-10-227-001-20	Sequence 20, Appl	C 473	14.2	1.3	20	1	US-10-020-478-21	Sequence 21, Appl
C 401	15	1.4	17	1	US-09-788-362-3	Sequence 3, Appl	C 474	14.2	1.3	20	1	US-10-024-396-43	Sequence 43, Appl
C 402	15	1.4	17	1	US-09-090-672B-106	Sequence 106, App	C 475	14.2	1.3	20	1	US-10-084-839-1287	Sequence 1287, Ap
C 403	15	1.4	17	1	US-09-090-672B-107	Sequence 107, App	C 476	14.2	1.3	20	1	US-10-005-344-12	Sequence 12, Appl
C 404	15	1.4	17	1	US-09-788-338-3	Sequence 3, Appl	C 477	14.2	1.3	20	1	US-10-005-344-250	Sequence 250, App
C 405	15	1.4	17	1	US-10-220-373-8	Sequence 8, Appl	C 478	14.2	1.3	20	1	US-10-181-875-45	Sequence 45, Appl
C 406	15	1.4	17	1	US-10-220-373-9	Sequence 9, Appl	C 479	14.2	1.3	20	1	US-10-380-931-155	Sequence 155, App
C 407	15	1.4	17	1	US-09-730-559B-108	Sequence 108, App	C 480	14.2	1.3	20	1	US-10-139-496-28	Sequence 28, Appl
C 408	15	1.4	17	1	US-09-730-559B-109	Sequence 109, App	C 481	14.2	1.3	20	1	US-10-016-149-32	Sequence 32, Appl
C 409	15	1.4	17	1	US-10-146-474-17	Sequence 17, Appl	C 482	14.2	1.3	20	1	US-10-226-355-14	Sequence 14, Appl
C 410	15	1.4	17	1	US-10-156-306-525	Sequence 525, App	C 483	14.2	1.3	20	1	US-10-007-010-14	Sequence 14, Appl
C 411	15	1.4	18	1	US-09-904-744-1	Sequence 1, Appl	C 484	14	1.3	14	1	US-09-152-059-65	Sequence 65, Appl
C 412	15	1.4	18	1	US-09-904-744-2	Sequence 2, Appl	C 485	14	1.3	14	1	US-09-152-059-66	Sequence 66, Appl
C 413	15	1.4	20	1	US-10-374-686-2	Sequence 2, Appl	C 486	14	1.3	14	1	US-09-152-059-67	Sequence 67, Appl
C 414	15	1.4	20	1	US-10-164-915-1	Sequence 1, Appl	C 487	14	1.3	14	1	US-09-152-059-68	Sequence 68, Appl
C 415	15	1.4	21	1	US-09-864-636A-2510	Sequence 2510, Ap	C 488	14	1.3	14	1	US-09-152-059-80	Sequence 80, Appl
C 416	15	1.4	21	1	US-10-374-686-3	Sequence 3, Appl	C 489	14	1.3	14	1	US-09-152-059-81	Sequence 81, Appl
C 417	15	1.4	21	1	US-10-084-839-2510	Sequence 2510, Ap	C 490	14	1.3	14	1	US-09-152-059-82	Sequence 82, Appl
C 418	14.8	1.3	19	1	US-09-956-636A-13	Sequence 13, Appl	C 491	14	1.3	14	1	US-09-152-059-83	Sequence 83, Appl
C 419	14.8	1.3	19	1	US-10-251-117-247	Sequence 247, App	C 492	14	1.3	14	1	US-09-152-059-84	Sequence 84, Appl
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C 422	14.8	1.3	20	1	US-09-860-761-1	Sequence 1, Appl	C 495	14	1.3	14	1	US-09-152-059-87	Sequence 87, Appl
C 423	14.8	1.3	20	1	US-09-940-925A-63	Sequence 63, Appl	C 496	14	1.3	14	1	US-09-152-059-88	Sequence 88, Appl
C 424	14.8	1.3	20	1	US-09-870-406A-10	Sequence 10, Appl	C 497	14	1.3	14	1	US-09-152-059-89	Sequence 89, Appl
C 425	14.8	1.3	20	1	US-09-941-193A-63	Sequence 63, Appl	C 498	14	1.3	14	1	US-09-152-059-90	Sequence 90, Appl
C 426	14.8	1.3	20	1	US-10-167-034-71	Sequence 71, Appl	C 499	14	1.3	14	1	US-09-152-059-91	Sequence 91, Appl
C 427	14.8	1.3	20	1	US-10-167-034-135	Sequence 135, App	C 500	14	1.3	14	1	US-09-152-059-92	Sequence 92, Appl
C 428	14.8	1.3	20	1	US-10-159-901-10	Sequence 10, Appl	C 501	14	1.3	14	1	US-09-152-059-93	Sequence 93, Appl
C 429	14.8	1.3	20	1	US-10-001-844-26	Sequence 26, Appl	C 502	14	1.3	14	1	US-09-152-059-94	Sequence 94, Appl
C 430	14.8	1.3	21	1	US-09-853-386-145	Sequence 145, App	C 503	14	1.3	14	1	US-09-152-059-96	Sequence 96, Appl
C 431	14.4	1.3	16	1	US-10-287-919-872	Sequence 872, App	C 504	14	1.3	14	1	US-09-152-059-97	Sequence 97, Appl
C 432	14.4	1.3	16	1	US-10-287-919-1972	Sequence 1972, Ap	C 505	14	1.3	14	1	US-09-152-059-98	Sequence 98, Appl
C 433	14.4	1.3	17	1	US-09-818-875-35	Sequence 35, Appl	C 506	14	1.3	14	1	US-09-152-059-99	Sequence 99, Appl
C 434	14.4	1.3	17	1	US-09-818-875-36	Sequence 36, Appl	C 507	14	1.3	14	1	US-09-152-059-100	Sequence 100, App
C 435	14.4	1.3	17	1	US-09-818-875-39	Sequence 39, Appl	C 508	14	1.3	14	1	US-09-152-059-101	Sequence 101, App
C 436	14.4	1.3	17	1	US-09-818-875-40	Sequence 40, Appl	C 509	14	1.3	14	1	US-09-152-059-102	Sequence 102, App
C 437	14.4	1.3	17	1	US-09-818-875-43	Sequence 43, Appl	C 510	14	1.3	14	1	US-09-152-059-103	Sequence 103, App
C 438	14.4	1.3	17	1	US-09-818-875-44	Sequence 44, Appl	C 511	14	1.3	14	1	US-09-152-059-104	Sequence 104, App
C 439	14.4	1.3	17	1	US-09-792-818-388	Sequence 388, App	C 512	14	1.3	14	1	US-09-152-059-105	Sequence 105, App
C 440	14.4	1.3	17	1	US-09-792-818-389	Sequence 389, App	C 513	14	1.3	14	1	US-09-152-059-106	Sequence 106, App
C 441	14.4	1.3	17	1	US-10-338-777-186	Sequence 186, App	C 514	14	1.3	14	1	US-09-152-059-107	Sequence 107, App
C 442	14.4	1.3	17	1	US-10-209-787-35	Sequence 35, Appl	C 515	14	1.3	14	1	US-09-152-059-108	Sequence 108, App
C 443	14.4	1.3	17	1	US-10-209-787-36	Sequence 36, Appl	C 516	14	1.3	14	1	US-09-152-059-109	Sequence 109, App
C 444	14.4	1.3	17	1	US-10-209-787-39	Sequence 39, Appl	C 517	14	1.3	14	1	US-09-152-059-110	Sequence 110, App
C 445	14.4	1.3	17	1	US-10-209-787-40	Sequence 40, Appl	C 518	14	1.3	14	1	US-09-152-059-111	Sequence 111, App
C 446	14.4	1.3	17	1	US-10-209-787-43	Sequence 43, Appl	C 519	14	1.3	14	1	US-09-152-059-112	Sequence 112, App
C 447	14.4	1.3	17	1	US-10-209-787-44	Sequence 44, Appl	C 520	14	1.3	14	1	US-09-152-059-113	Sequence 113, App
C 448	14.4	1.3	17	1	US-10-156-306-520	Sequence 520, App	C 521	14	1.3	14	1	US-09-152-059-115	Sequence 115, App
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C 450	14.4	1.3	20	1	US-09-791-406-30	Sequence 30, Appl	C 523	14	1.3	14	1	US-09-152-059-118	Sequence 118, App
C 451	14.4	1.3	20	1	US-09-948-002-51	Sequence 51, Appl	C 524	14	1.3	14	1	US-09-152-059-119	Sequence 119, App
C 452	14.4	1.3	20	1	US-10-367-169-37	Sequence 37, Appl	C 525	14	1.3	14	1	US-09-152-059-120	Sequence 120, App
C 453	14.4	1.3	20	1	US-10-277-216-181	Sequence 181, App	C 526	14	1.3	14	1	US-09-152-059-121	Sequence 121, App
C 454	14.4	1.3	20	1	US-10-024-369-86	Sequence 86, Appl	C 527	14	1.3	14	1	US-09-152-059-122	Sequence 122, App
C 455	14.4	1.3	20	1	US-10-076-803-37	Sequence 37, Appl	C 528	14	1.3	14	1	US-09-152-059-123	Sequence 123, App
C 456	14.4	1.3	20	1	US-10-168-632-45	Sequence 45, Appl	C 529	14	1.3	14	1	US-09-152-059-124	Sequence 124, App
C 457	14.4	1.3	20	1	US-10-188-404-49	Sequence 49, Appl	C 530	14	1.3	14	1	US-09-152-059-125	Sequence 125, App
C 458	14.4	1.3	20	1	US-10-139-086-3	Sequence 3, Appl	C 531	14	1.3	14	1	US-09-152-059-126	Sequence 126, App
C 459	14.4	1.3	20	1	US-10-225-082-3	Sequence 3, Appl	C 532	14	1.3	14	1	US-09-152-059-127	Sequence 127, App
C 460	14.4	1.3	19	1	US-10-007-010-32	Sequence 32, Appl	C 533	14	1.3	14	1	US-09-152-059-128	Sequence 128, App
C 461	14.2	1.3	19	1	US-10-314-321A-52	Sequence 52, Appl	C 534	14	1.3	14	1	US-09-152-059-129	Sequence 129, App
C 462	14.2	1.3	19	1	US-10-153-219-24	Sequence 24, Appl	C 535	14	1.3	14	1	US-09-152-059-130	Sequence 130, App
C 463	14.2	1.3	20	1	US-09-752-983-12	Sequence 12, Appl	C 536	14	1.3	14	1	US-09-152-059-131	Sequence 131, App
C 464	14.2	1.3	20	1	US-09-752-983-250	Sequence 250, App	C 537	14	1.3	14	1	US-09-152-059-132	Sequence 132, App
C 465	14.2	1.3	20	1	US-09-851-771A-12	Sequence 12, Appl	C 538	14	1.3	14	1	US-09-152-059-133	Sequence 133, App
C 466	14.2	1.3	20	1	US-09-824-322B-305	Sequence 305, App	C 539	14	1.3	14	1	US-09-152-059-134	Sequence 134, App
C 467	14.2	1.3	20	1	US-09-952-522B-58	Sequence 58, Appl	C 540	14	1.3	14	1	US-09-152-059-135	Sequence 135, App
C 468	14.2	1.3	20	1	US-09-864-636A-1287	Sequence 1287, Ap	C 541	14	1.3	14	1	US-09-152-059-136	Sequence 136, App
C 469	14.2	1.3	20	1	US-10-323-069A-62	Sequence 62, Appl	C 542	14	1.3	14	1	US-09-152-059-137	Sequence 137, App
C 470	14.2	1.3	20	1	US-10-177-554-51	Sequence 51, Appl	C 543	14	1.3	14	1	US-09-152-059-138	Sequence 138, App
C 471	14.2	1.3	20	1			C 544	14	1.3	14	1		

253	15.8	1.4	22	1	US-09-966-491A-46	Sequence 46, Appl	Sequence 46, Appl	C 326	15.2	1.4	20	1	US-10-015-385A-447	Sequence 447, App
254	15.8	1.4	22	1	US-09-976-971A-43	Sequence 43, Appl	Sequence 43, Appl	C 327	15.2	1.4	20	1	US-10-007-236A-447	Sequence 447, App
255	15.8	1.4	22	1	US-09-976-971A-46	Sequence 46, Appl	Sequence 46, Appl	C 328	15.2	1.4	20	1	US-10-015-389A-447	Sequence 447, App
256	15.8	1.4	22	1	US-09-820-279B-43	Sequence 43, Appl	Sequence 43, Appl	C 329	15.2	1.4	20	1	US-10-126-355-63	Sequence 63, Appl
257	15.8	1.4	22	1	US-09-820-279B-46	Sequence 46, Appl	Sequence 46, Appl	C 330	15.2	1.4	20	1	US-10-013-915A-447	Sequence 447, App
258	15.8	1.4	22	1	US-09-981-344-43	Sequence 43, Appl	Sequence 43, Appl	C 331	15.2	1.4	20	1	US-10-015-394A-447	Sequence 447, App
259	15.8	1.4	22	1	US-09-981-344-46	Sequence 46, Appl	Sequence 46, Appl	C 332	15.2	1.4	20	1	US-10-015-519A-447	Sequence 447, App
260	15.8	1.4	22	1	US-09-957-318A-43	Sequence 43, Appl	Sequence 43, Appl	C 333	15.2	1.4	20	1	US-10-015-390A-447	Sequence 447, App
261	15.8	1.4	22	1	US-09-957-318A-46	Sequence 46, Appl	Sequence 46, Appl	C 334	15.2	1.4	20	1	US-10-015-390A-447	Sequence 447, App
262	15.8	1.4	22	1	US-09-974-500A-43	Sequence 43, Appl	Sequence 43, Appl	C 335	15.2	1.4	20	1	US-10-006-746A-447	Sequence 447, App
263	15.8	1.4	22	1	US-09-974-500A-46	Sequence 46, Appl	Sequence 46, Appl	C 336	15.2	1.4	20	1	US-10-006-856A-447	Sequence 447, App
264	15.8	1.4	22	1	US-09-975-376A-43	Sequence 43, Appl	Sequence 43, Appl	C 337	15.2	1.4	20	1	US-10-006-818A-447	Sequence 447, App
265	15.8	1.4	22	1	US-09-975-376A-46	Sequence 46, Appl	Sequence 46, Appl	C 338	15.2	1.4	20	1	US-10-015-393A-447	Sequence 447, App
266	15.8	1.4	22	1	US-09-957-313A-43	Sequence 43, Appl	Sequence 43, Appl	C 339	15.2	1.4	20	1	US-10-015-869A-447	Sequence 447, App
267	15.8	1.4	22	1	US-09-957-313A-46	Sequence 46, Appl	Sequence 46, Appl	C 340	15.2	1.4	20	1	US-10-006-116A-447	Sequence 447, App
268	15.8	1.4	22	1	US-09-976-863A-43	Sequence 43, Appl	Sequence 43, Appl	C 341	15.2	1.4	20	1	US-10-006-117A-447	Sequence 447, App
269	15.8	1.4	22	1	US-09-976-863A-46	Sequence 46, Appl	Sequence 46, Appl	C 342	15.2	1.4	20	1	US-10-017-527A-447	Sequence 447, App
270	15.8	1.4	22	1	US-09-976-601A-43	Sequence 43, Appl	Sequence 43, Appl	C 343	15.2	1.4	20	1	US-10-013-913A-447	Sequence 447, App
271	15.8	1.4	22	1	US-09-976-601A-46	Sequence 46, Appl	Sequence 46, Appl	C 344	15.2	1.4	20	1	US-10-007-194A-447	Sequence 447, App
272	15.8	1.4	22	1	US-09-975-059A-43	Sequence 43, Appl	Sequence 43, Appl	C 345	15.2	1.4	20	1	US-10-013-430A-447	Sequence 447, App
273	15.8	1.4	22	1	US-09-975-059A-46	Sequence 46, Appl	Sequence 46, Appl	C 346	15.2	1.4	20	1	US-10-011-671A-447	Sequence 447, App
274	15.8	1.4	22	1	US-09-976-968A-43	Sequence 43, Appl	Sequence 43, Appl	C 347	15.2	1.4	20	1	US-10-012-755A-447	Sequence 447, App
275	15.8	1.4	22	1	US-09-976-968A-46	Sequence 46, Appl	Sequence 46, Appl	C 348	15.2	1.4	20	1	US-10-015-386A-447	Sequence 447, App
276	15.8	1.4	22	1	US-10-106-749-3	Sequence 3, Appl	Sequence 3, Appl	C 349	15.2	1.4	20	1	US-10-011-692A-447	Sequence 447, App
277	15.8	1.4	22	1	US-10-410-324-43	Sequence 43, Appl	Sequence 43, Appl	C 350	15.2	1.4	20	1	US-10-006-768A-447	Sequence 447, App
278	15.8	1.4	22	1	US-10-410-324-46	Sequence 46, Appl	Sequence 46, Appl	C 351	15.2	1.4	20	1	US-10-017-610A-447	Sequence 447, App
279	15.8	1.4	22	1	US-10-266-983-43	Sequence 43, Appl	Sequence 43, Appl	C 352	15.2	1.4	20	1	US-10-006-063A-447	Sequence 447, App
280	15.8	1.4	22	1	US-10-266-983-46	Sequence 46, Appl	Sequence 46, Appl	C 353	15.2	1.4	20	1	US-10-020-083A-447	Sequence 447, App
281	15.8	1.4	22	1	US-10-266-983-73	Sequence 73, Appl	Sequence 73, Appl	C 354	15.2	1.4	20	1	US-10-015-391A-447	Sequence 447, App
282	15.8	1.4	22	1	US-10-008-978-43	Sequence 43, Appl	Sequence 43, Appl	C 355	15.2	1.4	20	1	US-10-017-407A-447	Sequence 447, App
283	15.8	1.4	22	1	US-10-008-978-46	Sequence 46, Appl	Sequence 46, Appl	C 356	15.2	1.4	20	1	US-10-006-041A-447	Sequence 447, App
284	15.8	1.4	22	1	US-10-008-978-73	Sequence 73, Appl	Sequence 73, Appl	C 357	15.2	1.4	20	1	US-10-011-833A-447	Sequence 447, App
285	15.6	1.4	22	1	US-09-918-686-90	Sequence 90, Appl	Sequence 90, Appl	C 358	15.2	1.4	20	1	US-10-015-822A-447	Sequence 447, App
286	15.6	1.4	22	1	US-09-918-686-94	Sequence 94, Appl	Sequence 94, Appl	C 359	15	1.4	15	1	US-10-504-231A-22	Sequence 22, Appl
287	15.6	1.4	22	1	US-09-770-107-92	Sequence 92, Appl	Sequence 92, Appl	C 360	15	1.4	15	1	US-09-930-218-5	Sequence 5, Appl
288	15.6	1.4	22	1	US-10-353-150-90	Sequence 90, Appl	Sequence 90, Appl	C 361	15	1.4	15	1	US-09-274-553D-22	Sequence 22, Appl
289	15.6	1.4	22	1	US-10-353-150-94	Sequence 94, Appl	Sequence 94, Appl	C 362	15	1.4	15	1	US-09-776-874A-5	Sequence 5, Appl
290	15.4	1.4	17	1	US-10-156-306-521	Sequence 521, App	Sequence 521, App	C 363	15	1.4	15	1	US-09-955-410-17	Sequence 17, Appl
291	15.4	1.4	17	1	US-10-156-306-522	Sequence 522, App	Sequence 522, App	C 364	15	1.4	15	1	US-09-955-410-18	Sequence 18, Appl
292	15.4	1.4	20	1	US-09-955-410-4	Sequence 4, Appl	Sequence 4, Appl	C 365	15	1.4	15	1	US-09-805-296D-10	Sequence 10, Appl
293	15.4	1.4	20	1	US-09-263-959-849	Sequence 849, App	Sequence 849, App	C 366	15	1.4	15	1	US-09-983-210-19	Sequence 19, Appl
294	15.4	1.4	20	1	US-10-154-890-4	Sequence 4, Appl	Sequence 4, Appl	C 367	15	1.4	15	1	US-09-983-210-20	Sequence 20, Appl
295	15.4	1.4	21	1	US-09-828-034-14	Sequence 14, Appl	Sequence 14, Appl	C 368	15	1.4	15	1	US-09-850-982B-4	Sequence 4, Appl
296	15.4	1.4	21	1	US-10-418-182-106	Sequence 106, App	Sequence 106, App	C 369	15	1.4	15	1	US-09-988-113-5	Sequence 5, Appl
297	15.2	1.4	17	1	US-10-015-593-2	Sequence 2, Appl	Sequence 2, Appl	C 370	15	1.4	15	1	US-10-045-674-622	Sequence 622, App
298	15.2	1.4	20	1	US-09-946-374-447	Sequence 447, App	Sequence 447, App	C 371	15	1.4	15	1	US-10-456-573-5	Sequence 5, Appl
299	15.2	1.4	20	1	US-10-175-492-15	Sequence 15, Appl	Sequence 15, Appl	C 372	15	1.4	15	1	US-10-051-436-10	Sequence 10, Appl
300	15.2	1.4	20	1	US-10-175-492-93	Sequence 93, Appl	Sequence 93, Appl	C 373	15	1.4	15	1	US-10-341-582-5	Sequence 5, Appl
301	15.2	1.4	20	1	US-10-015-387A-447	Sequence 447, App	Sequence 447, App	C 374	15	1.4	15	1	US-10-106-749-1	Sequence 1, Appl
302	15.2	1.4	20	1	US-10-006-130A-447	Sequence 447, App	Sequence 447, App	C 375	15	1.4	15	1	US-10-106-749-5	Sequence 5, Appl
303	15.2	1.4	20	1	US-10-006-172A-447	Sequence 447, App	Sequence 447, App	C 376	15	1.4	15	1	US-10-384-451-5	Sequence 5, Appl
304	15.2	1.4	20	1	US-10-015-392A-447	Sequence 447, App	Sequence 447, App	C 377	15	1.4	15	1	US-10-269-031A-54	Sequence 54, Appl
305	15.2	1.4	20	1	US-10-017-253A-447	Sequence 447, App	Sequence 447, App	C 378	15	1.4	15	1	US-10-352-704-10	Sequence 10, Appl
306	15.2	1.4	20	1	US-10-017-306A-447	Sequence 447, App	Sequence 447, App	C 379	15	1.4	15	1	US-10-352-704-16	Sequence 16, Appl
307	15.2	1.4	20	1	US-10-012-064A-447	Sequence 447, App	Sequence 447, App	C 380	15	1.4	15	1	US-10-091-231-2	Sequence 2, Appl
308	15.2	1.4	20	1	US-10-017-867A-447	Sequence 447, App	Sequence 447, App	C 381	15	1.4	15	1	US-10-154-890-17	Sequence 17, Appl
309	15.2	1.4	20	1	US-10-012-101B-447	Sequence 447, App	Sequence 447, App	C 382	15	1.4	15	1	US-10-154-890-18	Sequence 18, Appl
310	15.2	1.4	20	1	US-10-012-137A-447	Sequence 447, App	Sequence 447, App	C 383	15	1.4	15	1	US-10-431-438-5	Sequence 5, Appl
311	15.2	1.4	20	1	US-10-012-752A-447	Sequence 447, App	Sequence 447, App	C 384	15	1.4	15	1	US-10-384-450-5	Sequence 5, Appl
312	15.2	1.4	20	1	US-10-012-754A-447	Sequence 447, App	Sequence 447, App	C 385	15	1.4	15	1	US-09-793-146-54	Sequence 54, Appl
313	15.2	1.4	20	1	US-10-013-909A-447	Sequence 447, App	Sequence 447, App	C 386	15	1.4	15	1	US-09-793-146-55	Sequence 55, Appl
314	15.2	1.4	20	1	US-10-013-910A-447	Sequence 447, App	Sequence 447, App	C 387	15	1.4	15	1	US-10-371-218A-5	Sequence 5, Appl
315	15.2	1.4	20	1	US-10-013-911A-447	Sequence 447, App	Sequence 447, App	C 388	15	1.4	15	1	US-10-208-357-21	Sequence 21, Appl
316	15.2	1.4	20	1	US-10-013-912A-447	Sequence 447, App	Sequence 447, App	C 389	15	1.4	15	1	US-10-176-055-9	Sequence 9, Appl
317	15.2	1.4	20	1	US-10-015-610A-447	Sequence 447, App	Sequence 447, App	C 390	15	1.4	15	1	US-10-202-189-9	Sequence 9, Appl
318	15.2	1.4	20	1	US-10-015-653A-447	Sequence 447, App	Sequence 447, App	C 391	15	1.4	15	1	US-10-072-975-10	Sequence 10, Appl
319	15.2	1.4	20	1	US-10-015-671A-447	Sequence 447, App	Sequence 447, App	C 392	15	1.4	15	1	US-10-227-001-23	Sequence 23, Appl
320	15.2	1.4	20	1	US-10-012-237A-447	Sequence 447, App	Sequence 447, App	C 393	15	1.4	16	1	US-09-739-928-3	Sequence 3, Appl
321	15.2	1.4	20	1	US-10-013-906A-447	Sequence 447, App	Sequence 447, App	C 394	15	1.4	16	1	US-09-739-928-4	Sequence 4, Appl
322	15.2	1.4	20	1	US-10-015-388A-447	Sequence 447, App	Sequence 447, App	C 395	15	1.4	16	1	US-09-739-928-5	Sequence 5, Appl
323	15.2	1.4	20	1	US-10-015-480A-447	Sequence 447, App	Sequence 447, App	C 396	15	1.4	16	1	US-09-739-928-6	Sequence 6, Appl
324	15.2	1.4	20	1	US-10-015-715A-447	Sequence 447, App	Sequence 447, App	C 397	15	1.4	16	1	US-09-739-928-7	Sequence 7, Appl
325	15.2	1.4	20	1	US-10-012-753A-447	Sequence 447, App	Sequence 447, App	C 398	15	1.4	16	1	US-09-739-928-8	Sequence 8, Appl

c 107	17	1.5	19	1	US-10-098-816-15	Sequence 15, Appl	180	17	1.5	21	1	US-10-371-066-2	Sequence 2, Appl
c 108	17	1.5	19	1	US-10-098-816-16	Sequence 16, Appl	181	17	1.5	21	1	US-10-170-172-2	Sequence 2, Appl
c 109	17	1.5	19	1	US-10-098-816-17	Sequence 17, Appl	182	17	1.5	21	1	US-10-096-221-4	Sequence 4, Appl
c 110	17	1.5	19	1	US-10-098-816-18	Sequence 18, Appl	c 183	17	1.5	21	1	US-10-112-653-981	Sequence 881, App
c 111	17	1.5	19	1	US-10-098-816-19	Sequence 19, Appl	c 184	17	1.5	21	1	US-10-017-995-912	Sequence 912, App
c 112	17	1.5	20	1	US-09-005-243-32	Sequence 32, Appl	185	17	1.5	21	1	US-10-100-321-23	Sequence 23, Appl
c 113	17	1.5	20	1	US-09-005-243-34	Sequence 34, Appl	186	17	1.5	22	1	US-10-216-122-94	Sequence 94, Appl
c 114	17	1.5	20	1	US-09-224-683-32	Sequence 32, Appl	c 187	17	1.5	24	1	US-10-182-434-1	Sequence 1, Appl
c 115	17	1.5	20	1	US-09-224-683-34	Sequence 34, Appl	188	17	1.5	24	1	US-10-216-122-151	Sequence 151, App
c 116	17	1.5	20	1	US-09-973-788A-55	Sequence 55, Appl	189	17	1.5	20	1	US-09-752-983-249	Sequence 249, App
c 117	17	1.5	20	1	US-09-973-788A-55	Sequence 55, Appl	190	16.8	1.5	20	1	US-10-005-344-249	Sequence 249, App
c 118	17	1.5	20	1	US-09-974-007-55	Sequence 55, Appl	191	16.4	1.5	18	1	US-09-994-311-7	Sequence 7, Appl
c 119	17	1.5	20	1	US-09-976-617A-55	Sequence 55, Appl	c 191	16.4	1.5	18	1	US-09-981-397A-1	Sequence 1, Appl
c 120	17	1.5	20	1	US-09-961-949A-55	Sequence 55, Appl	c 192	16.2	1.5	19	1	US-10-103-614A-4	Sequence 4, Appl
c 121	17	1.5	20	1	US-09-760-500A-55	Sequence 55, Appl	193	16.2	1.5	23	1	US-09-905-674-10	Sequence 10, Appl
c 122	17	1.5	20	1	US-09-967-409A-55	Sequence 55, Appl	c 195	16	1.5	16	1	US-09-739-928-2	Sequence 2, Appl
c 123	17	1.5	20	1	US-09-975-062A-55	Sequence 55, Appl	c 196	16	1.5	16	1	US-09-152-059-70	Sequence 70, Appl
c 124	17	1.5	20	1	US-09-976-378A-55	Sequence 55, Appl	c 197	16	1.5	16	1	US-09-805-296D-9	Sequence 9, Appl
c 125	17	1.5	20	1	US-09-976-577-55	Sequence 55, Appl	198	16	1.5	16	1	US-09-843-676-131	Sequence 131, App
c 126	17	1.5	20	1	US-09-771-554-5	Sequence 5, Appl	199	16	1.5	16	1	US-09-766-253-131	Sequence 131, App
c 127	17	1.5	20	1	US-09-966-112-55	Sequence 55, Appl	200	16	1.5	16	1	US-09-438-486-131	Sequence 131, App
c 128	17	1.5	20	1	US-09-927-777A-55	Sequence 55, Appl	c 201	16	1.5	16	1	US-10-008-029-70	Sequence 70, Appl
c 129	17	1.5	20	1	US-09-927-777A-70	Sequence 70, Appl	c 202	16	1.5	16	1	US-10-051-436-9	Sequence 9, Appl
c 130	17	1.5	20	1	US-09-966-491A-55	Sequence 55, Appl	c 203	16	1.5	16	1	US-10-208-650-70	Sequence 70, Appl
c 131	17	1.5	20	1	US-09-976-971A-55	Sequence 55, Appl	c 204	16	1.5	16	1	US-10-203-780-9	Sequence 9, Appl
c 132	17	1.5	20	1	US-09-880-505-83	Sequence 83, Appl	205	16	1.5	16	1	US-10-208-357-22	Sequence 22, Appl
c 133	17	1.5	20	1	US-09-820-379B-55	Sequence 55, Appl	206	16	1.5	16	1	US-10-053-758-131	Sequence 131, App
c 134	17	1.5	20	1	US-09-888-326-2	Sequence 2, Appl	207	16	1.5	16	1	US-10-054-295-131	Sequence 131, App
c 135	17	1.5	20	1	US-09-888-326-838	Sequence 838, Appl	208	16	1.5	16	1	US-10-054-611-131	Sequence 131, App
c 136	17	1.5	20	1	US-09-888-326-839	Sequence 839, Appl	c 209	16	1.5	16	1	US-10-072-975-9	Sequence 9, Appl
c 137	17	1.5	20	1	US-09-981-344-55	Sequence 55, Appl	c 210	16	1.5	16	1	US-10-027-001-21	Sequence 21, Appl
c 138	17	1.5	20	1	US-09-957-318A-55	Sequence 55, Appl	c 211	16	1.5	17	1	US-09-090-672B-105	Sequence 105, App
c 139	17	1.5	20	1	US-09-974-500A-55	Sequence 55, Appl	c 212	16	1.5	17	1	US-10-333-461-24	Sequence 24, Appl
c 140	17	1.5	20	1	US-09-975-376A-55	Sequence 55, Appl	c 213	16	1.5	17	1	US-10-309-152A-3	Sequence 3, Appl
c 141	17	1.5	20	1	US-09-957-313A-55	Sequence 55, Appl	c 214	16	1.5	17	1	US-10-352-253A-24	Sequence 24, Appl
c 142	17	1.5	20	1	US-09-912-014-16	Sequence 16, Appl	c 215	16	1.5	17	1	US-10-220-373-7	Sequence 7, Appl
c 143	17	1.5	20	1	US-09-937-672-40	Sequence 40, Appl	c 216	16	1.5	17	1	US-09-730-559B-107	Sequence 107, App
c 144	17	1.5	20	1	US-09-976-863A-55	Sequence 55, Appl	c 217	16	1.5	17	1	US-10-352-255A-24	Sequence 24, Appl
c 145	17	1.5	20	1	US-09-881-535-2	Sequence 2, Appl	c 218	16	1.5	17	1	US-10-156-306-523	Sequence 523, App
c 146	17	1.5	20	1	US-09-776-479-226	Sequence 226, App	c 219	16	1.5	17	1	US-10-156-306-524	Sequence 524, App
c 147	17	1.5	20	1	US-09-776-479-556	Sequence 556, App	c 220	16	1.5	18	1	US-09-994-311-5	Sequence 5, Appl
c 148	17	1.5	20	1	US-09-776-479-560	Sequence 560, App	c 221	16	1.5	18	1	US-09-994-311-6	Sequence 6, Appl
c 149	17	1.5	20	1	US-09-976-601A-55	Sequence 55, Appl	c 222	16	1.5	18	1	US-10-333-461-18	Sequence 18, Appl
c 150	17	1.5	20	1	US-09-975-059A-55	Sequence 55, Appl	c 223	16	1.5	18	1	US-10-352-253A-18	Sequence 18, Appl
c 151	17	1.5	20	1	US-10-278-047-1	Sequence 1, Appl	c 224	16	1.5	18	1	US-10-352-255A-18	Sequence 18, Appl
c 152	17	1.5	20	1	US-09-976-968A-55	Sequence 55, Appl	c 225	15.8	1.4	22	1	US-09-784-423-144	Sequence 144, App
c 153	17	1.5	20	1	US-10-371-066-16	Sequence 16, Appl	226	15.8	1.4	22	1	US-09-998-936-1	Sequence 1, Appl
c 154	17	1.5	20	1	US-10-410-324-55	Sequence 55, Appl	227	15.8	1.4	22	1	US-09-973-788A-43	Sequence 43, Appl
c 155	17	1.5	20	1	US-10-266-983-55	Sequence 55, Appl	228	15.8	1.4	22	1	US-09-973-788A-46	Sequence 46, Appl
c 156	17	1.5	20	1	US-10-266-983-70	Sequence 70, Appl	229	15.8	1.4	22	1	US-09-973-638A-43	Sequence 43, Appl
c 157	17	1.5	20	1	US-10-266-983-70	Sequence 70, Appl	230	15.8	1.4	22	1	US-09-973-638A-46	Sequence 46, Appl
c 158	17	1.5	20	1	US-10-051-643-83	Sequence 83, Appl	231	15.8	1.4	22	1	US-09-974-007-46	Sequence 46, Appl
c 159	17	1.5	20	1	US-10-176-055-11	Sequence 11, Appl	232	15.8	1.4	22	1	US-09-974-007-46	Sequence 46, Appl
c 160	17	1.5	20	1	US-10-117-267-1	Sequence 1, Appl	233	15.8	1.4	22	1	US-09-976-617A-43	Sequence 43, Appl
c 161	17	1.5	20	1	US-10-112-653-218	Sequence 218, App	234	15.8	1.4	22	1	US-09-976-617A-46	Sequence 46, Appl
c 162	17	1.5	20	1	US-10-112-653-533	Sequence 533, App	235	15.8	1.4	22	1	US-09-961-949A-43	Sequence 43, Appl
c 163	17	1.5	20	1	US-10-112-653-537	Sequence 537, App	236	15.8	1.4	22	1	US-09-961-949A-46	Sequence 46, Appl
c 164	17	1.5	20	1	US-10-077-383-5	Sequence 5, Appl	237	15.8	1.4	22	1	US-09-760-500A-43	Sequence 43, Appl
c 165	17	1.5	20	1	US-10-077-383-6	Sequence 6, Appl	238	15.8	1.4	22	1	US-09-760-500A-46	Sequence 46, Appl
c 166	17	1.5	20	1	US-10-017-995-226	Sequence 226, App	239	15.8	1.4	22	1	US-09-967-409A-43	Sequence 43, Appl
c 167	17	1.5	20	1	US-10-017-995-556	Sequence 556, App	240	15.8	1.4	22	1	US-09-967-409A-46	Sequence 46, Appl
c 168	17	1.5	20	1	US-10-017-995-560	Sequence 560, App	241	15.8	1.4	22	1	US-09-975-062A-43	Sequence 43, Appl
c 169	17	1.5	20	1	US-10-194-138-32	Sequence 32, Appl	242	15.8	1.4	22	1	US-09-975-062A-46	Sequence 46, Appl
c 170	17	1.5	20	1	US-10-008-978-55	Sequence 55, Appl	243	15.8	1.4	22	1	US-09-976-378A-43	Sequence 43, Appl
c 171	17	1.5	20	1	US-10-008-978-70	Sequence 70, Appl	244	15.8	1.4	22	1	US-09-976-378A-46	Sequence 46, Appl
c 172	17	1.5	20	1	US-10-188-404-66	Sequence 66, Appl	245	15.8	1.4	22	1	US-09-976-577-43	Sequence 43, Appl
c 173	17	1.5	20	1	US-10-234-764-10	Sequence 10, Appl	246	15.8	1.4	22	1	US-09-976-577-46	Sequence 46, Appl
c 174	17	1.5	20	1	US-10-255-434-14	Sequence 14, Appl	247	15.8	1.4	22	1	US-09-966-312-43	Sequence 43, Appl
c 175	17	1.5	20	1	US-10-255-434-26	Sequence 26, Appl	248	15.8	1.4	22	1	US-09-966-312-46	Sequence 46, Appl
c 176	17	1.5	21	1	US-09-888-326-840	Sequence 840, App	249	15.8	1.4	22	1	US-09-927-777A-43	Sequence 43, Appl
c 177	17	1.5	21	1	US-09-912-014-2	Sequence 2, Appl	250	15.8	1.4	22	1	US-09-927-777A-46	Sequence 46, Appl
c 178	17	1.5	21	1	US-09-997-672-41	Sequence 41, Appl	251	15.8	1.4	22	1	US-09-927-777A-73	Sequence 73, Appl
c 179	17	1.5	21	1	US-09-776-479-512	Sequence 912, App	252	15.8	1.4	22	1	US-09-966-491A-43	Sequence 43, Appl

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2004, 16:18:55 ; Search time 26 Seconds  
(without alignments)  
2.089 Million cell updates/sec

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1435 seqs, 24686 residues

Total number of hits satisfying chosen parameters: 2870

Minimum DB seq length: 12  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1395 summaries

Database : rnpbl.seq.\*

Pred. No. is the number of results predicted by chance to have a  
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and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	19	1.7	24	1 US-10-331-780-6	Sequence 6, Appli
C 3	19	1.7	24	1 US-10-002-536A-3	Sequence 3, Appli
C 4	19	1.7	24	1 US-10-002-536A-4	Sequence 4, Appli
C 5	18.8	1.7	25	1 US-10-278-874-1	Sequence 1, Appli
C 6	18.6	1.7	26	1 US-09-099-823-14	Sequence 14, Appli
C 7	18	1.6	20	1 US-09-005-243-33	Sequence 33, Appli
C 8	18	1.6	20	1 US-09-224-683-33	Sequence 33, Appli
C 9	18	1.6	23	1 US-09-426-548-126	Sequence 126, App
C 10	17.8	1.6	21	1 US-09-773-307B-9	Sequence 9, Appli
C 11	17.8	1.6	24	1 US-09-901-484A-10	Sequence 10, Appli
C 12	17.8	1.6	24	1 US-09-853-526-10	Sequence 10, Appli
C 13	17.6	1.6	24	1 US-09-920-342-12	Sequence 12, Appli
C 14	17.6	1.6	24	1 US-09-920-313-148	Sequence 148, App
C 15	17.6	1.6	24	1 US-09-949-305B-6	Sequence 6, Appli
C 16	17.6	1.6	24	1 US-09-888-328-831	Sequence 831, App
C 17	17.6	1.6	24	1 US-09-776-479-961	Sequence 961, App
C 18	17.6	1.6	24	1 US-09-776-479-962	Sequence 962, App
C 19	17.6	1.6	24	1 US-10-272-502A-2	Sequence 2, Appli
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C 23	17.6	1.6	24	1 US-10-112-653-415	Sequence 415, App
C 24	17.6	1.6	24	1 US-10-112-653-919	Sequence 919, App
C 25	17.6	1.6	24	1 US-10-112-653-920	Sequence 920, App
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; PRIOR APPLICATION NUMBER: 10/076,802
; PRIOR FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer HH
US-10-367-169-37

Query Match          1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997 GTCTGAGGCTCGAGAA 1012
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DB      16 GTCTGAGGCTTGAGAA 1

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US-10-277-216-181/c
; Sequence 181, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 181
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-181

Query Match          1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      821 TGTGGGTCTGAAGCT 836
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DB      18 TGTGGGTCTGAAGCT 3

RESULT 454
US-10-024-369-86
; Sequence 86, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
; CURRENT FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-369-86

Query Match          1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      404 CCTGCTCCACGAGGCT 419
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DB      1 CCTGCTCCACGAGGCT 16

RESULT 455
US-10-076-802-37/c
; Sequence 37, Application US/10076802
; Publication No. US20030162249A1
; GENERAL INFORMATION:
; APPLICANT: Gray, Jeff
; APPLICANT: Suechler, Joe
; TITLE OF INVENTION: EUKARYOTIC SIGNAL SEQUENCES FOR PROKARYOTIC EXPRESSION
; FILE REFERENCE: 014907-004700US
; CURRENT APPLICATION NUMBER: US/10/076,802
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer HH
US-10-076-802-37

Query Match          1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997 GTCTGAGGCTTGAGAA 1012
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DB      16 GTCTGAGGCTTGAGAA 1

RESULT 456
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; Sequence 45, Application US/10160632
; Publication No. US20030176380A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT APPLICATION NUMBER: US/10/160,632
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US/09/853,768
; PRIOR FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-632-45

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Best Local Similarity 93.8%; Pred. No. 4.2e+02;
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; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 4
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; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-086-3

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997  GTCTGAGGCTGGAGAA 1012
DB      16  GTCTGAGGCTTGAGAA 1

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US-10-225-082-3/c
; Sequence 3, Application US/10225082
; Publication No. US20030119064A1
; GENERAL INFORMATION:
; APPLICANT: VALKIRS, GUNARS B.
; APPLICANT: DAHLEN, JEFFREY R.
; APPLICANT: KIRCHICK, HOWARD J.
; APPLICANT: BUECHLER, KENNETH F.
; TITLE OF INVENTION: DIAGNOSTIC MARKERS OF STROKE AND CEREBRAL INJURY AND
; FILE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 071949/5404
; CURRENT APPLICATION NUMBER: US/10/225,082
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/346,485
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: 60/334,964
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/313,775
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-225-082-3

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997  GTCTGAGGCTGGAGAA 1012
DB      16  GTCTGAGGCTTGAGAA 1

RESULT 460
US-10-007-010-32/c
; Sequence 32, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 32
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; PRIOR FILING DATE: 2001-08-28
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US-10-139-086-3

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB      16  GTCTGAGGCTTGAGAA 1

RESULT 457
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; Sequence 49, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: IS155042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; OTHER INFORMATION: Ethylene Glycol Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: N is Pseudoisocytosine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N is Pseudoisocytosine
US-10-188-404-49

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1084  AAAAAAAAAAAAAAAAAA 1100
DB      19  AAAAAAAAAAGAAAAA 3

RESULT 458
US-10-139-086-3/c
; Sequence 3, Application US/10139086
; Publication No. US20030109420A1
; GENERAL INFORMATION:
; APPLICANT: VALKIRS, GUNARS
; APPLICANT: DAHLEN, JEFFREY
; APPLICANT: BUECHLER, KENNETH F.
; APPLICANT: KIRCHICK, HOWARD
; TITLE OF INVENTION: DIAGNOSTIC MARKERS OF ACUTE CORONARY SYNDROMES AND
; FILE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 071949-6502
; CURRENT APPLICATION NUMBER: US/10/139,086
; CURRENT FILING DATE: 2002-05-04
; PRIOR APPLICATION NUMBER: 60/288,871
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: 60/315,642
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-32

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      297 GTGGGGCCCTGTCATG 312
Db      18 GTGGTGCCTGCATG 3

RESULT 461
US-10-314-321A-52/c
; Sequence 52, Application US/10314321A
; Publication No. US20030190649A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi, Ltd.
; TITLE OF INVENTION: Gene Predicting Method
; FILE REFERENCE: 310101185US1
; CURRENT APPLICATION NUMBER: US/10/314,321A
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: JP 2002-103333
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: partial sequence of AL365356
US-10-314-321A-52

Query Match      1.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      825 GGTGCTGAAGCTGTGATCA 843
Db      19 GGTGCTGAAGTTGGCATCA 1

RESULT 462
US-10-153-219-24/c
; Sequence 24, Application US/10153219
; Publication No. US20030096349A1
; GENERAL INFORMATION:
; APPLICANT: KAZMIERCZAK, KRYSZYNA M.
; APPLICANT: DAYDOVA K.
; APPLICANT: ROTHMAN-DENES LUCIA B.
; TITLE OF INVENTION: NA VIRION SINGLE STRANDED DNA DEPENDENT RNA POLYMERASE
; FILE REFERENCE: ARCD:375US
; CURRENT APPLICATION NUMBER: US/10/153,219
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/292,845
; PRIOR FILING DATE: 2001-05-22
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-153-219-24

Query Match      1.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      465 GAGCTCCAGGAACCTGGCA 483
Db      20 GATCTACAGGAACCTGGTA 2

RESULT 464
US-09-752-983-250
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-12

Query Match      1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      465 GAGCTCCAGGAACCTGGCA 483
Db      20 GATCTACAGGAACCTGGTA 2

RESULT 464
US-09-752-983-250
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-12

```

STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-250

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 TTGGAGTCTGAGGCTGGA 1009  
|||||  
Db 2 TTGGGAGGCTGAGGCAGGA 20

RESULT 465  
US-09-758-881-26  
Sequence 26, Application US/09758881  
Patent No. US20010029250A1  
GENERAL INFORMATION:  
APPLICANT: Karras, James G  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
FILE REFERENCE: ISPH-0532  
CURRENT APPLICATION NUMBER: US/09/758,881  
CURRENT FILING DATE: 2001-01-11  
PRIOR APPLICATION NUMBER: PCT/US00/09054  
PRIOR FILING DATE: 2000-04-05  
PRIOR APPLICATION NUMBER: 09/288,461  
PRIOR FILING DATE: 1999-04-08  
NUMBER OF SEQ ID NOS: 152  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-758-881-26

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCATTGAGTCTGTCATG 894  
|||||

Db 2 TCCATTCAGATCTTGTCATG 20

RESULT 466  
US-09-851-771A-12/c  
Sequence 12, Application US/09851771A  
Patent No. US2002015151A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/851,771A  
FILING DATE: 09-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: 1998-03-26  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0302  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-779-2400  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-851-771A-12

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 GAGTCCAGGAAGTGGCA 483  
|||||  
Db 20 GATCTACAGGAAGTGGTA 2

RESULT 467  
US-09-824-322B-305  
Sequence 305, Application US/09824322B  
Publication No. US20030022848A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-  
FILE REFERENCE: ISPH-0501  
CURRENT APPLICATION NUMBER: US/09/824,322B  
CURRENT FILING DATE: 2001-04-02  
PRIOR APPLICATION NUMBER: US 09/313,932

FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1287  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1287

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 743 AGCTTGCTGCTCTTAAGGAG 761  
|||||  
Db 2 AGCTTGCTGCTTGAAGAG 20

RESULT 468  
US-09-952-522B-58/c  
Sequence 58, Application US/09952522B  
Publication No. US20030082152A1  
GENERAL INFORMATION:  
APPLICANT: Katz, Adam J.  
APPLICANT: Liull, Ramon  
APPLICANT: Futrell, J. William  
APPLICANT: Hedrick, Marc H.  
APPLICANT: Benhaim, Prosper  
APPLICANT: Lorenz, Hermann Peter  
APPLICANT: Zhu, Min  
TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES  
FILE REFERENCE: 30448.77US11  
CURRENT APPLICATION NUMBER: US/09/952,522B  
CURRENT FILING DATE: 2001-09-10  
PRIOR APPLICATION NUMBER: PCT/US00/06232  
PRIOR FILING DATE: 2000-03-10  
PRIOR APPLICATION NUMBER: 60/123,711  
PRIOR FILING DATE: 1999-03-10  
PRIOR APPLICATION NUMBER: 60/162,462  
PRIOR FILING DATE: 1999-10-29  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 58  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nestin reverse  
US-09-952-522B-58

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCAACCTGCTCAGAAGAGC 372  
|||||  
Db 20 GACAACCTGCTGAAGAGC 2

RESULT 469  
US-09-864-636A-1287/c  
Sequence 1287, Application US/09864636A  
Publication No. US20030104378A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Allwal, Hatim  
APPLICANT: Bartholomay, Christian  
APPLICANT: Chehak, LuAnne  
TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1287  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1287

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 578 GCCTCACGCTGCTTACTTC 596  
|||||  
Db 19 GCCTCGCGTGTCTAATTC 1

RESULT 470  
US-10-323-069A-62/c  
Sequence 62, Application US/10323069A  
Publication No. US20030228328A1  
GENERAL INFORMATION:  
APPLICANT: Hardham, John M.  
APPLICANT: King, Kendall W.  
TITLE OF INVENTION: VACCINE FOR PERIODONTAL DISEASE  
FILE REFERENCE: PC11864A  
CURRENT APPLICATION NUMBER: US/10/323,069A  
CURRENT FILING DATE: 2002-12-18  
NUMBER OF SEQ ID NOS: 137  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PFZ212-AP4  
US-10-323-069A-62

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 108 CTGCTCAAGAAACGGGAG 126  
|||||  
Db 20 CTGGGCAAGAAACTGGACG 2

RESULT 471  
US-10-177-554-51/c  
Sequence 51, Application US/10177554  
Publication No. US20030235911A1  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION  
FILE REFERENCE: RTS-0370  
CURRENT APPLICATION NUMBER: US/10/177,554  
CURRENT FILING DATE: 2002-06-20  
NUMBER OF SEQ ID NOS: 239  
SEQ ID NO 51  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-177-554-51

Query Match 1.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 4.6e+02; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CAACTCCATTGAGTCTCTG 890  
Db 19 CACCTTCATTGAGGACCTG 1

RESULT 472

US-10-177-554-187  
; Sequence 187, Application US/10177554  
; Publication No. US20030235911A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION

; FILE REFERENCE: R1S-0370  
; CURRENT APPLICATION NUMBER: US/10/177,554  
; CURRENT FILING DATE: 2002-06-20  
; NUMBER OF SEQ ID NOS: 239

; SEQ ID NO 187  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-177-554-187

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CAACTCCATTGAGTCTCTG 890  
Db 2 CACCTTCATTGAGGACCTG 20

RESULT 473

US-10-020-478-21/c  
; Sequence 21, Application US/10020478  
; Publication No. US2003014224A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF B-CELL ASSOCIATED PROTEIN EXPRESSION

; FILE REFERENCE: R1S-0303  
; CURRENT APPLICATION NUMBER: US/10/020,478  
; CURRENT FILING DATE: 2001-12-13  
; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-020-478-21

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 TGGCTCAGCTCTTGAGGA 256  
Db 19 TGGCCAGAGACTTGAGGA 1

RESULT 474

US-10-024-396-43  
; Sequence 43, Application US/10024396  
; Publication No. US20030147864A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION  
; FILE REFERENCE: R1S-0339

; CURRENT APPLICATION NUMBER: US/10/024,396  
; CURRENT FILING DATE: 2001-12-18  
; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 43  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-024-396-43

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 637 CCGCTCCCTCGAACCGAG 655  
Db 1 CCGCTCTCTCGAACCGAG 19

RESULT 475

US-10-084-839-1287/c  
; Sequence 1287, Application US/10084839  
; Publication No. US20030186238A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.  
; APPLICANT: Chehak, LuAnne  
; APPLICANT: Curtis, Michelle L.  
; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.  
; APPLICANT: IP, Hon S.  
; APPLICANT: Ji, Lin  
; APPLICANT: Kaiser, Michael  
; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.  
; APPLICANT: Lyamichiev, Victor  
; APPLICANT: Lymaicheva, Natalie E.  
; APPLICANT: Ma, WuPo

; APPLICANT: Neri, Bruce P.  
; APPLICANT: Olson, Sarah M.  
; APPLICANT: Olson-Munoz, Marilyn C.  
; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew  
; APPLICANT: Takova, Tsetska Y.  
; APPLICANT: Thompson, Lisa C.  
; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays  
; FILE REFERENCE: FORS-06666  
; CURRENT APPLICATION NUMBER: US/10/084,839  
; CURRENT FILING DATE: 2002-02-26  
; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1287  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-084-839-1287

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 578 GCCTCAGTGTCTTACTTC 596  
Db 19 GCCTCGCGTGTCTAATTC 1

RESULT 476

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels

QY 991 TTGGAAGTCTGAGGCTGGA 1009

```

Query Match      1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0

Qv      679  CAGATGGATGTGCACACCG  697
          ||||| ||||| |||||
Db       20  CAGATGGATGTGAACCCCG  2

RESULT 480
US-10-139-496-28

```

```

1  NUMBER OF SEQUENCES: 56
2  CORRESPONDENCE ADDRESS:
3  ADDRESSEE: Townsend and Townsend and Crew LLP
4  STREET: Two Embarcadero Center, Eighth Floor
5  CITY: San Francisco
6  STATE: California
7  COUNTRY: USA
8  ZIP: 94111-3834
9  COMPUTER READABLE FORM:
10 MEDIUM TYPE: Floppy disk
11 COMPUTER: IBM PC compatible
12 OPERATING SYSTEM: PC-DOS/MS-DOS
13 SOFTWARE: PatentIn Release #1.0, Version #1.30
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: US/10/226,355
16 FILING DATE: 23-AUG-2002
17 CLASSIFICATION: <UNKNOWN>
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US/08/626,285
20 FILING DATE: 04-APR-1996
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Garrett-Wackowski, Eugenia
23 REGISTRATION NUMBER: 37,330
24 REFERENCE/DOCKET NUMBER: 16528X-017300US
25 TELECOMMUNICATION INFORMATION:
26 TELEPHONE: (415) 576-0200
27 TELEFAX: (415) 576-0300
28 INFORMATION FOR SEQ ID NO: 14:
29 SEQUENCE CHARACTERISTICS:
30 LENGTH: 20 base pairs
31 TYPE: nucleic acid
32 STRANDEDNESS: single
33 TOPOLOGY: linear
34 MOLECULE TYPE: DNA
35 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
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RESULT 484
US-09-152-059-65/c
; Sequence 65, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 65
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-65

```

```

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
Db       14 AAAAAAAAAAAAAA 1

```

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RESULT 485
US-09-152-059-66/c
; Sequence 66, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05

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; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 66
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-66

```

```

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
Db       14 AAAAAAAAAAAAAA 1

```

```

RESULT 486
US-09-152-059-67/c
; Sequence 67, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-67

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Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1084 AAAAAAAAAAAAAA 1097
        |||||
Db       14 AAAAAAAAAAAAAA 1

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Thu Jan 8 16:51:48 2004

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RESULT 487
US-09-152-059-68/c
; Sequence 68, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-68
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 488
US-09-152-059-80/c
; Sequence 80, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-80
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 489
US-09-152-059-81
; Sequence 81, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-81
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
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; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-83

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 492
US-09-152-059-84
; Sequence 84, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 84
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-84

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 493
US-09-152-059-85
; Sequence 85, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL

```

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US-09-152-059-82
; Sequence 82, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 82
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-82

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 491
US-09-152-059-83/c
; Sequence 83, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin ver. 2.1

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; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-85

Query Match      1.3%; Score 14; DB 1; length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 495
US-09-152-059-87
; Sequence 87, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-87

Query Match      1.3%; Score 14; DB 1; length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 496
US-09-152-059-88
; Sequence 88, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 86
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)...(8)
; OTHER INFORMATION: LNA monomer

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;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 88  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; APPLICANT: WENGEL, JESPER  
;; TITLE OF INVENTION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-88

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 497  
US-09-152-059-89/c  
;; Sequence 89, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; TITLE OF INVENTION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-89  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 89  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; APPLICANT: WENGEL, JESPER  
;; NAME/KEY: modified base  
;; LOCATION: (6)..(9)  
;; OTHER INFORMATION: LNA monomer  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-89

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1  
RESULT 498  
US-09-152-059-90  
;; Sequence 90, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 90  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; APPLICANT: WENGEL, JESPER  
;; TITLE OF INVENTION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-90

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 499  
US-09-152-059-91  
;; Sequence 91, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-91

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 500
US-09-152-059-92/c
; Sequence 92, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-92

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 500
US-09-152-059-92/c
; Sequence 92, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-92

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 501
US-09-152-059-93
; Sequence 93, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-93

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 502
US-09-152-059-94
; Sequence 94, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 94  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-94

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 503  
US-09-152-059-96  
; Sequence 96, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 96  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-96

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 504  
US-09-152-059-97  
; Sequence 97, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 98  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 97  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-97

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 505  
US-09-152-059-98/c  
; Sequence 98, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 98  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base

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; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-98

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 506
US-09-152-059-99
; Sequence 99, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 507
US-09-152-059-100
; Sequence 100, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 507
US-09-152-059-100
; Sequence 100, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
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; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-100

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 508
US-09-152-059-101/c
; Sequence 101, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

RESULT 509  
US-09-152-059-102  
; Sequence 102, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 102  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-102

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 510  
US-09-152-059-103  
; Sequence 103, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 103  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-104

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

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RESULT 512
US-09-152-059-105
; Sequence 105, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
DB      1 AAAAAAAAAAAAAA 14

RESULT 513
US-09-152-059-106
; Sequence 106, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
DB      1 AAAAAAAAAAAAAA 14

RESULT 515
US-09-152-059-108
; Sequence 108, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
DB      1 AAAAAAAAAAAAAA 14

RESULT 514
US-09-152-059-107/c
; Sequence 107, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-107

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
        |||||
DB      1 AAAAAAAAAAAAAA 14

RESULT 515
US-09-152-059-108
; Sequence 108, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
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```
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165 (71994)
/ CURRENT APPLICATION NUMBER: US/09/152,059
/ CURRENT FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 108
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-09-152-059-108
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Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 1 AAAAAAAAAAAAAA 14
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RESULT 516
US-09-152-059-109
/ Sequence 109, Application US/09152059
/ Patent No. US20020068708A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165 (71994)
/ CURRENT APPLICATION NUMBER: US/09/152,059
/ CURRENT FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 109
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
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```
US-09-152-059-109
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 517
US-09-152-059-110/c
/ Sequence 110, Application US/09152059
/ Patent No. US20020068708A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165 (71994)
/ CURRENT APPLICATION NUMBER: US/09/152,059
/ CURRENT FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 110
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (5)
/ OTHER INFORMATION: LNA monomer
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
/ NAME/KEY: modified_base
/ LOCATION: (9)
/ OTHER INFORMATION: LNA monomer
/ NAME/KEY: modified_base
/ LOCATION: (11)
/ OTHER INFORMATION: LNA monomer
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
US-09-152-059-110
```

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Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 14 AAAAAAAAAAAAAA 1
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RESULT 518
US-09-152-059-111
/ Sequence 111, Application US/09152059
/ Patent No. US20020068708A1
/ GENERAL INFORMATION:
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; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 111  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-111

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 519  
US-09-152-059-112  
; Sequence 112, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 112  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: oligonucleotide  
US-09-152-059-112

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 520  
US-09-152-059-113/c  
; Sequence 113, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 113  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified base  
; LOCATION: (1) (13)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-113

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 521  
US-09-152-059-114  
; Sequence 114, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 114  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-114

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 522  
US-09-152-059-115  
; Sequence 115, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 115  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-115

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 523  
US-09-152-059-117/c  
; Sequence 117, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 117  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified base  
; LOCATION: (8)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-117

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 524  
US-09-152-059-118  
; Sequence 118, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 118  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-09-152-059-118

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 525  
US-09-152-059-119  
; Sequence 119 Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 119  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-119

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 526  
US-09-152-059-120/c  
; Sequence 120 Application US/09152059  
; Patent No. US20020068708A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 120  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-120

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 527  
US-09-152-059-121  
; Sequence 121 Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 121  
; LENGTH: 14

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 528
US-09-152-059-122
; Sequence 122, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-122

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 529
US-09-152-059-123/c
; Sequence 123, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
```

```
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-123

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 530
US-09-152-059-124
; Sequence 124, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
```

## US-09-152-059-124

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 531

US-09-152-059-125  
; Sequence 125, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 125  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-125

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 532

US-09-152-059-126/c  
; Sequence 126, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 126  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (6)..(9)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-126

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 533

US-09-152-059-127  
; Sequence 127, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 127  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-127

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |



Db 1 AAAAAAAAAAAAAA 14

RESULT 534

US-09-152-059-128

Sequence 128, Application US/09152059

Patent No. US20020068708A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 128

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-152-059-128

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 535

US-09-152-059-129/c

Sequence 129, Application US/09152059

Patent No. US20020068708A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 128

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-152-059-128

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 536

US-09-152-059-130

Sequence 130, Application US/09152059

Patent No. US20020068708A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 130

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-152-059-130

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 537

US-09-152-059-131

Sequence 131, Application US/09152059

Patent No. US20020068708A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 131  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 538  
US-09-152-059-132/c  
Sequence 132, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 132  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: modified\_base

LOCATION: (7)..(8)  
OTHER INFORMATION: LNA monomer  
OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-132

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 539  
US-09-152-059-133  
Sequence 133, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn ver. 2.1  
SEQ ID NO 133  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-133

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 540  
US-09-152-059-134  
Sequence 134, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 134  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 541  
US-09-152-059-135/c  
Sequence 135, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 135  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: (7)  
OTHER INFORMATION: LNA monomer  
NAME/KEY: modified\_base  
LOCATION: (9)  
OTHER INFORMATION: LNA monomer  
OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 542  
US-09-152-059-136  
Sequence 136, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 136  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
DB 1 AAAAAAAAAAAAAA 14

RESULT 543  
US-09-152-059-137  
Sequence 137, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591

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; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-137

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 544
US-09-152-059-138/c
; Sequence 138, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-138

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```

RESULT 545
US-09-152-059-139
; Sequence 139, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-139

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 546
US-09-152-059-140
; Sequence 140, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
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; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 140  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-140

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 547  
US-09-152-059-141/c  
; Sequence 141, Application US/09152059  
; Patent No. US20020068706A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 141  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; LOCATION: (5)  
; NAME/KEY: modified\_base  
; OTHER INFORMATION: LNA monomer  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-141

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |

Db 14 AAAAAAAAAAAAAA 1  
RESULT 548  
US-09-152-059-142  
; Sequence 142, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 142  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-142

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 549  
US-09-152-059-143  
; Sequence 143, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28

```
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-143

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 550
US-09-152-059-144/c
; Sequence 144, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,355
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-144
```

```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-145

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 552
US-09-152-059-146
; Sequence 146, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
```

```
; OTHER INFORMATION: oligonucleotide
US-09-152-059-146
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 553
US-10-008-029-65/c
; Sequence 65, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 65
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-66
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 555
US-10-008-029-67/c
; Sequence 67, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
US-10-008-029-65
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 554
US-10-008-029-66/c
; Sequence 66, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
```

```
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-008-029-67
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

## RESULT 556

```
US-10-008-029-68/c
; Sequence 68, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-008-029-68
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

## RESULT 557

```
US-10-008-029-80/c
; Sequence 80, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-80
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

## RESULT 558

```
US-10-008-029-81
; Sequence 81, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```



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/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 81
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-008-029-81

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 559
US-10-008-029-82
/ Sequence 82, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 82
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-008-029-82

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 560
US-10-008-029-83/c
/ Sequence 83, Application US/10008029
```

```
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 83
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
US-10-008-029-83

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 561
US-10-008-029-84
/ Sequence 84, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
```

```
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 84
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-84

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 562
US-10-008-029-85
/ Sequence 85, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 85
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-85

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 563
US-10-008-029-86/c
/ Sequence 86, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 86
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)..(8)
/ OTHER INFORMATION: LNA monomer
US-10-008-029-86

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 564
US-10-008-029-87
/ Sequence 87, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ NUMBER OF SEQ ID NOS: 146
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-87

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 565
US-10-008-029-88
; Sequence 88, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-06-05
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-88

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 566
US-10-008-029-89/c
; Sequence 89, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-89

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 567
US-10-008-029-90
; Sequence 90, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 90
```

```
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-90
Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 568
US-10-008-029-91
; Sequence 91, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-008-029-92
Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 570
US-10-008-029-93
; Sequence 93, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
```



```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-97

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 574
US-10-008-029-98/c
; Sequence 98, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-99

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 575
US-10-008-029-99/c
; Sequence 99, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-100

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 576
US-10-008-029-100
; Sequence 100, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
```

```
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-100

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 577
US-10-008-029-101/c
; Sequence 101, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-101

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 578
US-10-008-029-102
; Sequence 102, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

```
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-102

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 579
US-10-008-029-103
; Sequence 103, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-103

```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

```

## RESULT 580

```

US-10-008-029-104/c
; Sequence 104, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
US-10-008-029-104

```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 14 AAAAAAAAAAAAAA 1

```

## RESULT 581

```

US-10-008-029-105
; Sequence 105, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:

```

```

; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-105

```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

```

## RESULT 582

```

US-10-008-029-106
; Sequence 106, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14

```



```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-106
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 583
US-10-008-029-107/c
; Sequence 107, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-107
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 584
US-10-008-029-108
; Sequence 108, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL

```

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; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 108
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-108
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 585
US-10-008-029-109
; Sequence 109, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

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```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-008-029-109

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 586
US-10-008-029-110/c
; Sequence 110, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 110
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-111

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 588
US-10-008-029-112
; Sequence 112, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 110
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-008-029-110

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1
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; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-112

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 589
US-10-008-029-113/c
; Sequence 113, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-114

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 591
US-10-008-029-115
; Sequence 115, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
US-10-008-029-113

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 590
US-10-008-029-114
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 115
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-115

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 592
US-10-008-029-117/c
; Sequence 117, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 117
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-117

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 593
US-10-008-029-118
; Sequence 118, Application US/10008029
; Publication No. US20030134808A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-118

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 594
US-10-008-029-119
; Sequence 119, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
```

```

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-119

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 595
US-10-008-029-120/c
; Sequence 120, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 597
US-10-008-029-122
; Sequence 122, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-120

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 596
US-10-008-029-121
; Sequence 121, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER

```

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; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 597
US-10-008-029-122
; Sequence 122, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-122

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 598
US-10-008-029-123/c
; Sequence 123, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-124

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 599
US-10-008-029-123/c
; Sequence 123, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-125

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 599
US-10-008-029-124
; Sequence 124, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
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```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-124

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 600
US-10-008-029-125
; Sequence 125, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-125

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 601
US-10-008-029-126/c
; Sequence 126, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-127

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 602
US-10-008-029-128
; Sequence 128, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-008-029-126

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 1084 AAAAAAAAAAAAAA 1097
   |||||
Db 14 AAAAAAAAAAAAAA 1

RESULT 602
US-10-008-029-127
; Sequence 127, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-128

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 604

US-10-008-029-129/c  
; Sequence 129, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 129  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (8)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-129

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 605

US-10-008-029-130  
; Sequence 130, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 130  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-130

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 606

US-10-008-029-131  
; Sequence 131, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 131  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic



; OTHER INFORMATION: oligonucleotide  
US-10-008-029-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 607

US-10-008-029-132/c  
; Sequence 132, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 132  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-132

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 608

US-10-008-029-133  
; Sequence 133, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 133  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-133

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 609

US-10-008-029-134  
; Sequence 134, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 134  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 610

US-10-008-029-135/c  
; Sequence 135, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 135  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 611

US-10-008-029-136  
; Sequence 136, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029

; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 136  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 612

US-10-008-029-137  
; Sequence 137, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 137  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

US-10-008-029-137

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 613

US-10-008-029-138/c  
Sequence 138, Application US/10008029

Publication No. US20030134808A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/008,029

CURRENT FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 138

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: LNA modified

OTHER INFORMATION: oligonucleotide

NAME/KEY: modified\_base

LOCATION: (6)..(9)

OTHER INFORMATION: LNA monomer

US-10-008-029-138

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

RESULT 614

US-10-008-029-139

Sequence 139, Application US/10008029  
Publication No. US20030134808A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/008,029

CURRENT FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 139  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-10-008-029-139

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 615

US-10-008-029-140

Sequence 140, Application US/10008029  
Publication No. US20030134808A1

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/008,029

CURRENT FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 140

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-10-008-029-140

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 616

US-10-008-029-141/c  
; Sequence 141, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 141  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (5)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-141

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 617

US-10-008-029-142  
; Sequence 142, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 142  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-142

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 618

US-10-008-029-143  
; Sequence 143, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 143  
; LENGTH: 14

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-143
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 619
US-10-008-029-144/c
; Sequence 144, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-145
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 621
US-10-008-029-146
; Sequence 146, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-143
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 619
US-10-008-029-144/c
; Sequence 144, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
US-10-008-029-144
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 620
US-10-008-029-145
; Sequence 145, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL

```

;  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-146

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 622

US-10-208-650-65/c  
; Sequence 65, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 65  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-66

Query Match

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 14 AAAAAAAAAAAAAA 1

RESULT 624

US-10-208-650-67/c

; Sequence 67, Application US/10208650

; Publication No. US20030144231A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; APPLICANT: NIELSEN, POUL

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/208,650

; CURRENT FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US/10/008,029

; PRIOR FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/075,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355

; PRIOR FILING DATE: 1998-07-28

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 65

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: LNA modified

; OTHER INFORMATION: oligonucleotide

; FEATURE:

; NAME/KEY: modified\_base

; LOCATION: (7)

; OTHER INFORMATION: LNA monomer

US-10-208-650-65

Query Match

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 14 AAAAAAAAAAAAAA 1

RESULT 623

US-10-208-650-66/c

; Sequence 66, Application US/10208650

; Publication No. US20030144231A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; APPLICANT: NIELSEN, POUL

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/208,650

; CURRENT FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US/10/008,029

; PRIOR FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/075,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

```
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-67

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 1

RESULT 625
US-10-208-650-68/c
; Sequence 88, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
US-10-208-650-68
```

```
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-68

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 1

RESULT 626
US-10-208-650-80/c
; Sequence 80, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-80

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 1

RESULT 627
US-10-208-650-81
; Sequence 81, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
```

```

; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 628
US-10-208-650-83/c
; Sequence 83, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
US-10-208-650-83

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 628
US-10-208-650-82
; Sequence 82, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 628
US-10-208-650-82
; Sequence 82, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81

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RESULT 630
US-10-208-650-84
; Sequence 84, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 84
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-84

```

```

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 631
US-10-208-650-85
; Sequence 85, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507

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```

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-85

```

```

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

```

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RESULT 632
US-10-208-650-86/c
; Sequence 86, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-86

```

```

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 633

US-10-208-650-87  
; Sequence 87, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 87  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-208-650-87

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 14

## RESULT 634

US-10-208-650-88  
; Sequence 88, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 88  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-208-650-88

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 635

US-10-208-650-89/c  
; Sequence 89, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 89  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
US-10-208-650-89

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 636

US-10-208-650-90  
; Sequence 90, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 90  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 637

US-10-208-650-91  
; Sequence 91, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 91  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

## US-10-208-650-91

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 638

US-10-208-650-92/c  
; Sequence 92, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 92  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide

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/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (5)
/ OTHER INFORMATION: LNA monomer
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (9)
/ OTHER INFORMATION: LNA monomer
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (11)
/ OTHER INFORMATION: LNA monomer
US-10-208-650-92

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 639
US-10-208-650-93
; Sequence 93, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-93
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Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
Db 1 AAAAAAAAAAAAAA 14

RESULT 640
US-10-208-650-94
; Sequence 94, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-94
```

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Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 641
US-10-208-650-96
; Sequence 96, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
```

; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-96
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 642
US-10-208-650-97
; Sequence 97, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-97
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 643
US-10-208-650-98/c
; Sequence 98, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-208-650-98
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 644
US-10-208-650-99
; Sequence 99, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541

```

; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 645
US-10-208-650-100
; Sequence 100, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: Description of Artificial Sequence
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-100

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 645
US-10-208-650-100
; Sequence 100, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: Description of Artificial Sequence
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-100
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Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 646
US-10-208-650-101/c
; Sequence 101, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 647
US-10-208-650-102
; Sequence 102, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
```

```
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-102

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 648
US-10-208-650-103
; Sequence 103, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-103

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 648
US-10-208-650-103
; Sequence 103, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-103

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 649
US-10-208-650-104/c
; Sequence 104, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-104

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 650
US-10-208-650-105
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; Sequence 105, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14

RESULT 651
US-10-208-650-106
; Sequence 106, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14
```

```
; Sequence 107, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-107

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14
```



Db 14 AAAAAAAAAAAAAA 1

## RESULT 653

US-10-208-650-108  
; Sequence 108, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 108  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-108

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 654

US-10-208-650-109  
; Sequence 109, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 109  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-109

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 655

US-10-208-650-110/c  
; Sequence 110, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 110  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-110

NAME/KEY: modified\_base  
LOCATION: (5)  
OTHER INFORMATION: LNA monomer  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: (7)

; OTHER INFORMATION: LNA monomer  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-110

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 656

US-10-208-650-111  
; Sequence 111, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 111  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

US-10-208-650-111  
; Sequence 111, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 111  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-111

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 657

US-10-208-650-112  
; Sequence 112, Application US/10208650  
; Publication No. US20030144231A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 112  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-112

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 658

US-10-208-650-113/c  
; Sequence 113, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 113  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

US-10-208-650-113/c  
; Sequence 113, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 113  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 113  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
;; FEATURE:  
;; NAME/KEY: modified base  
;; LOCATION: (1)..(13)  
;; OTHER INFORMATION: LNA monomer  
US-10-208-650-113

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||  
Db 14 AAAAAAAAAAAAAA 1

RESULT 659  
US-10-208-650-114  
; Sequence 114, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 114  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-114

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||  
Db 1 AAAAAAAAAAAAAA 14

RESULT 660  
US-10-208-650-115  
; Sequence 115, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 115  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-115

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||  
Db 1 AAAAAAAAAAAAAA 14

RESULT 661  
US-10-208-650-117/c  
; Sequence 117, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03

;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 117  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
;; FEATURE:  
;; NAME/KEY: modified\_base  
;; LOCATION: (8)  
;; OTHER INFORMATION: LNA monomer  
US-10-208-650-117

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 662

US-10-208-650-118  
;; Sequence 118, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 118  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-118

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 663

US-10-208-650-119  
;; Sequence 119, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 119  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-119

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 664

US-10-208-650-120/c  
;; Sequence 120, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293

```
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 120
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)..(8)
/ OTHER INFORMATION: LNA monomer
US-10-208-650-120

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      14 AAAAAAAAAAAAAA 1

RESULT 665
US-10-208-650-121
/ Sequence 121, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 122
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-122

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 667
US-10-208-650-123/c
/ Sequence 123, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
```

```
US-10-208-650-121

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 666
US-10-208-650-122
/ Sequence 122, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 122
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-122

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 667
US-10-208-650-123/c
/ Sequence 123, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
```

```
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 123
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (9)
/ OTHER INFORMATION: LNA monomer
US-10-208-650-123
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 668
US-10-208-650-124
/ Sequence 124, Application US/10208650
/ Publication No. US2003014231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 123
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
```

```
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 124
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-208-650-124
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 669
US-10-208-650-125
/ Sequence 125, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 125
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-208-650-125
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 670
US-10-208-650-126/c
/ Sequence 126, Application US/10208650
/ Publication No. US20030144231A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified base
; LOCATION: (6)...(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-126

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 1

RESULT 671
US-10-208-650-127
; Sequence 127, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-128

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 14

US-10-208-650-128
; Sequence 128, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-128

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 14
```

RESULT 673  
US-10-208-650-129/c  
; Sequence 129, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 129  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (8)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-129

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 674  
US-10-208-650-130  
; Sequence 130, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 130  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-130

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 675  
US-10-208-650-131  
; Sequence 131, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin ver. 2.1  
; SEQ ID NO 131  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



```
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 676
US-10-208-650-132/c
; Sequence 132, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 132
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-132

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 677
US-10-208-650-133
; Sequence 133, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
```

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; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 133
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-133

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 678
US-10-208-650-134
; Sequence 134, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 134
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
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## US-10-208-650-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 679

US-10-208-650-135/c  
; Sequence 135, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 135  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 680

US-10-208-650-136  
; Sequence 136, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 136  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 681

US-10-208-650-137  
; Sequence 137, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28

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; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-208-650-137

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 682
US-10-208-650-138/c
; Sequence 138, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-208-650-139

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 684
US-10-208-650-140
; Sequence 140, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-140

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 685
US-10-208-650-141/c
; Sequence 141, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-141

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 686
US-10-208-650-142
; Sequence 142, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-142

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 687
US-10-208-650-143
; Sequence 143, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

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; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-141

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 686
US-10-208-650-142
; Sequence 142, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-142

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 687
US-10-208-650-143
; Sequence 143, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 143  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-143

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14  
RESULT 688  
US-10-208-650-144/c  
;; Sequence 144, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1

;; SEQ ID NO 144  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
;; FEATURE:  
;; NAME/KEY: modified base  
;; LOCATION: (1)..(13)  
;; OTHER INFORMATION: LNA monomer  
US-10-208-650-144

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 689  
US-10-208-650-145  
;; Sequence 145, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 145  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-145

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 690  
US-10-208-650-146

```

; Sequence 146, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, SOUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-146

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 691
US-10-106-749-4
; Sequence 4, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Inscent, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitrios, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS
; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct

```

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US-10-106-749-4
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 692
US-10-151-061-16
; Sequence 16, Application US/10151061
; Publication No. US20030219751A1
; GENERAL INFORMATION:
; APPLICANT: Lao, Kai Qin
; APPLICANT: Chen, Caifu
; APPLICANT: Coehler, Ryan
; APPLICANT: Scafe, Charles
; APPLICANT: Schroth, Gary
; TITLE OF INVENTION: THE WHOLE GENOME AMPLIFICATION USING SHORT, UNIVERSAL-TAGGED, OLIGO PRIMERS
; FILE REFERENCE: ABIOS.004A
; CURRENT APPLICATION NUMBER: US/10/151,061
; CURRENT FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A site in a synthetic oligonucleotide template
; OTHER INFORMATION: having no significant homology to the human genome.
US-10-151-061-16

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 693
US-10-208-357-20
; Sequence 20, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-20

Query Match 1.3%; Score 14; DB 1; Length 14;

```

```
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 694
US-10-301-844-20
; Sequence 20, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301.844
; FILING DATE: 20-NOV-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-301-844-20

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 695
US-10-227-001-24/c
; Sequence 24, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
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; TITLE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 15-mer poly dT-MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: conjugate, poly(dT)-15-MGB-dansyl conjugate
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: n = thymine modified by MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: (dansyl group)
; US-10-227-001-24

Query Match 1.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 15 AAAAAAAAAAAAAA 2

RESULT 696
US-09-894-159-64
; Sequence 64, Application US/09894159
; Publication No. US20030149237A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar
; APPLICANT: Patturjan, Meera
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Herrmann, John L
; APPLICANT: MacDougall, John R
; APPLICANT: Rastelli, Luca
; APPLICANT: Zhong, Haibong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 21402-033
; CURRENT APPLICATION NUMBER: US/09/894,159
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/248,153
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/214,759
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/263,215
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/244,546
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-894-159-64

```
Query Match      1.3%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
```

Qy	1084	AAAAAAAAAAAAA	1097
D <sub>b</sub>	1	AAAAAAAAAAAAA	14

RESULT 697

US-08-983-605-377/c  
; Sequence 377, Application US/08983605A  
; Publication No. US20020066118A1

GENERAL INFORMATION:

```

, APPLICANT: Roder, Marion
, TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
, TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of
, TITLE OF INVENTION: Said Markers
, FILE REFERENCE: 2936.10400
, CURRENT APPLICATION NUMBER: US/08/983,605A
, CURRENT FILING DATE: 1998-05-01
, EARLIER APPLICATION NUMBER: DE 195 25 284.5
, EARLIER FILING DATE: 1995-06-28
, NUMBER OF SEQ ID NOS: 466
, SOFTWARE: PatentIn Ver. 2.0

```

US-08-983-605-377

```
Query Match      1.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
```

Qy 569 ATCTCGCTGCCTC 582  
Db 15 ATCTCGCTGCCTC 2

RESULT 698

US-10-156-306-526/c  
; Sequence 526, Application US/10156306  
; Publication No. US20030119017A1

: GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: McSwiggen, James  
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to the  
 TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
 FILE REFERENCE: MBH01-664-A (400/050)  
 CURRENT APPLICATION NUMBER: US/10/156,306  
 CURRENT FILING DATE: 2002-05-28

US-10-156-306-526

Query Match 1.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels

QY	1082	TTAAAAA	AAAAA	1095
D'b	14	TTAAAAA	AAAAA	1

RESIST 699

RESULTS 039  
US-10-106-799-1/c

```

; Sequence 1, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1 DNA sequence in plants Caragana jubata wit:
; TITLE OF INVENTION: method thereof
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T11A anchored primers for differential display
US-10-106-799-1

```

Qy 1083 TAAAAAAAAAAAAA 1096  
|||  
Db 18 TAAAAAAAAAAAAA 5

## RESULT. T 700

RESOL 700  
US-09-823-887C-5/C  
; Sequence 5, Application US/09823887C  
; Publication No. US20030180723A1

: GENERAL INFORMATION:

```

, GENERAL INFORMATION.
, APPLICANT: Kumar, Sanjay
, APPLICANT: Lal, Lakhvir
, APPLICANT: Anuja, Paramvir
, TITLE OF INVENTION: Cloning of No. US20030180723A1 Gene Sequences Expressed and Re
, TITLE OF INVENTION: Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) K
, FILE REFERENCE: H053916.0001US0
, CURRENT APPLICATION NUMBER: US/09/823,887C
, CURRENT FILING DATE: 2002-04-23
, NUMBER OF SEQ ID NOS: 33
, SOFTWARE: PatentIn version 3.1
, SEQ ID NO 5
, LENGTH: 18

```

Qy 1083 TAAAAAAAAAAAAA 1096  
D'b 18 TAAAAAAAAAAAAA 5

RESULT 701

US-10-109-363-16/c  
; Sequence 16, Application US/10109363  
; Publication No. US20030196214A1

: GENERAL INFORMATION:

APPLICANT: SHAERMA, PRITI  
APPLICANT: KUMAR, SANJAY  
APPLICANT: AHUJA, PARAMVIR SINGH  
TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A  
METHOD OF INTRODUCING WATER-STRESS TOLERANCE  
FILE REFERENCE: 3097-4009  
CURRENT APPLICATION NUMBER: US/10/109,363  
CURRENT FILING DATE: 2002-03-27



; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 16  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Camellia sinensis  
US-10-109-363-16

Query Match 1.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1096  
| | | | | | | | | | | | | | | | | |  
Db 18 TAAAAAATAAAAAA 5

## RESULT 702

US-09-854-883-53/c  
; Sequence 53, Application US/09854883  
; Patent No. US20020055479A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Mageline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FTPLB EXPRESSION  
; FILE REFERENCE: ISPH-0576  
; CURRENT APPLICATION NUMBER: US/09/854,883  
; CURRENT FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: US 09/629,644  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 389  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-854-883-53

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCCA 711  
| | | | | | | | | | | | | | | | | |  
Db 17 CTTGAGGTGCCCA 4

## RESULT 703

US-09-888-326-737/c  
; Sequence 737, Application US/09888326  
; Publication No. US20030026801A1  
; GENERAL INFORMATION:  
; APPLICANT: Hartmann, Gunther  
; APPLICANT: Weiner, George  
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
; TITLE OF INVENTION: Cell Lysis and Treating Cancer  
; FILE REFERENCE: C1039/7052 (AWS)  
; CURRENT APPLICATION NUMBER: US/09/888,326  
; CURRENT FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: US 60/213,346  
; PRIOR FILING DATE: 2000-06-22  
; NUMBER OF SEQ ID NOS: 848  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 737  
; LENGTH: 20  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; NAME/KEY: misc feature  
; LOCATION: (0)-(0)  
; OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-737

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | | | |  
Db 20 AAAAAAATAAAAAA 7

## RESULT 704

US-09-776-479-431/c  
; Sequence 431, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 431  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-431

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | | | |  
Db 20 AAAAAAATAAAAAA 7

## RESULT 705

US-10-127-653-26  
; Sequence 26, Application US/10127653  
; Publication No. US2003016592A1  
; GENERAL INFORMATION:  
; APPLICANT: Adra, Chaker  
; APPLICANT: Deichmann, Klaus  
; APPLICANT: Shirakawa, Taro  
; TITLE OF INVENTION: METHOD FOR DETECTING A PREDISPOSITION TO ASTHMA AND  
; TITLE OF INVENTION: ATOPY  
; FILE REFERENCE: 732892/50250  
; CURRENT APPLICATION NUMBER: US/10/127,653  
; CURRENT FILING DATE: 2002-04-22  
; PRIOR APPLICATION NUMBER: US/09/586,303  
; PRIOR FILING DATE: 2000-06-02  
; PRIOR APPLICATION NUMBER: 60/137,705  
; PRIOR FILING DATE: 1999-06-07  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA

US-10-112-653-413

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 20 AAAAAAAAAAAAAA 7

RESULT 708

US-10-017-995-431/c

; Sequence 431, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/NAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 431  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-431

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 20 AAAAAAAAAAAAAA 7

RESULT 709

US-09-866-108-8379/c

; Sequence 8379, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665

US-10-112-653-413

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1006 TCGAGATGGGAAG 1019  
DB 3 TCGAGATGGGAAG 16

RESULT 706

US-10-360-510-53/c

; Sequence 53, Application US/10360510  
; Publication No. US2003020282A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTF1B EXPRESSION  
; FILE REFERENCE: ISPH-0576  
; CURRENT APPLICATION NUMBER: US/10/360,510  
; CURRENT FILING DATE: 2003-02-07  
; PRIOR APPLICATION NUMBER: US/09/854,883  
; PRIOR FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: US 09/629,644  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 389  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-360-510-53

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCCA 711  
DB 17 CTTGAGGTGCCCA 4

RESULT 707

US-10-112-653-413/c

; Sequence 413, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; FILE REFERENCE: C01039/70060 (AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 413  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 8379  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8379  
Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 405 CTGCTCCAGCGGCTCT 421  
| | | | | | | | | | | | | | | | | |  
Db 17 CTGCTCCAGCGGCTGT 1  
RESULT 710  
US-09-866-108-8381/c  
; Sequence 8381, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 8382  
; LENGTH: 17  
; TYPE: DNA

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 8381  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8381  
Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 403 CCTGCTCCAGCGCT 419  
| | | | | | | | | | | | | | | | | |  
Db 17 CTGCTCCAGCGTGGCT 1  
RESULT 711  
US-09-866-108-8382/c  
; Sequence 8382, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 8382  
; LENGTH: 17  
; TYPE: DNA

```

; ORGANISM: Homo sapiens
US-09-866-108-8382

Query Match      1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 402 ACCCTGCTCCAGCAGC 418
   |||||
Db 17 ACTCTGCTCCAGCTGC 1

RESULT 712
US-09-866-108-8383/c
; Sequence 8383, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 8383
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8383

Query Match      1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAGC 417
   |||||
Db 17 CACTCTGCTCCAGCTGC 1

RESULT 714
US-09-827-998-484
; Sequence 484, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 8383
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8383

Query Match      1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAGC 417
   |||||
Db 17 CACTCTGCTCCAGCTGC 1

RESULT 713
US-09-866-108-8654/c
; Sequence 8654, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 8654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8654

Query Match      1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 30 GGTTCCTCCAGCTGCAG 46
   |||||
Db 17 GCTTCCTCCAGCTGCAG 1

RESULT 714
US-09-827-998-484
; Sequence 484, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 8654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8654
```

FILE REFERENCE: MDHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
PRIOR FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1891  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 484  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-484

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAGAGAAA 17

RESULT 715  
US-09-263-959-744  
Sequence 744, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 744:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-744

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAATAAAAAAAAAATAAA 17

RESULT 716  
US-09-825-558-558/c  
Sequence 558, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MBH00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1558  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 558  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-558-558

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1083 TAAAAAAAAAAAAAAAAA 1099  
Db 17 TAAAAAAAAACAAACAAA 1

RESULT 717  
US-09-961-077-147  
Sequence 147, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.



```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:
US-09-784-674-111

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGGCT 149
DB 1 TGTCTGCTTTGGGGAT 17

RESULT 721
US-09-780-533A-2484
; Sequence 2484, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2484

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1008 GAGAATGGGAAGTGTA 1024
DB 1 GAGUAUGGAAGUGAAA 17

RESULT 722
US-09-776-474-441/c
; Sequence 441, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
```

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; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 441
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-441

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAGCTGTGGAGCAAC 342
DB 17 AGAAGTTCGAGCAAC 1

RESULT 723
US-09-740-332-2165
; Sequence 2165, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2165
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2165

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAGAA 279
DB 1 CAGAGCACACUUGAGAA 17

RESULT 724
US-09-740-332-2390/c
; Sequence 2390, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
```

; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2390  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; NAME/KEY: misc\_feature  
; FEATURE:  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2390

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 AGGAGCACTTCAGAA 280  
Db 17 AGGAGCACTTCAGAA 1

RESULT 725  
US-09-792-818-386/c  
; Sequence 386, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: (GRID) Gene  
; FILE REFERENCE: MEHB00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 386  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-386

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GCTTTGGGGGCTGCAGC 154  
Db 17 GCTTTGGGGGCTGCAGC 1

RESULT 726  
US-09-792-818-387/c  
; Sequence 387, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: (GRID) Gene  
; FILE REFERENCE: MEHB00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 387  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-387

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 137 TGCTTTGGGGGCTGCAG 153  
Db 17 TGCTTTGGGGGCTGCAG 1

RESULT 727  
US-09-817-879-2165  
; Sequence 2165, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2165  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-2165

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 4.6e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACTTCAGAA 279  
Db 1 CAGGAGCACTTCAGAA 17

RESULT 728  
US-09-817-879-2390/c  
; Sequence 2390, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2390  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-2390

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;



Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 AGGAGCACCTTCAGAAA 280  
|||||  
Db 17 AGGAGCAACTTCAGAAA 1

## RESULT 729

US-10-230-006-758/c  
; Sequence 758, Application US/10230006  
; Publication No. US20030191077A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Fosnaugh, Kathy  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND  
; FILE REFERENCE: 400/056 (MEH01-1110)  
; CURRENT APPLICATION NUMBER: US/10/230,006  
; CURRENT FILING DATE: 2002-11-18  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 2678  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 758  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-230-006-758

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 34 COTCCAGGTGCAGGG 50  
|||||  
Db 17 COTCCAGGGCTGAGGG 1

## RESULT 730

US-10-230-006-759/c  
; Sequence 759, Application US/10230006  
; Publication No. US20030191077A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Fosnaugh, Kathy  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND  
; FILE REFERENCE: 400/056 (MEH01-1110)  
; CURRENT APPLICATION NUMBER: US/10/230,006  
; CURRENT FILING DATE: 2002-11-18  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 2678  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 759  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-230-006-759

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 33 TCCTCCAGGTGCAGGG 49  
|||||  
Db 17 TCCTCCAGGGCTGAGG 1

## RESULT 731

US-10-209-787-983  
; Sequence 983, Application US/10209787  
; Publication No. US20030217377A1

## GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 983  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-983

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAGAGAGAGAAA 1095  
|||||  
Db 1 CTATTAAGAGAGAGAAA 17

## RESULT 732

US-10-209-787-984/c  
; Sequence 984, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 984  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-984

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAGAGAGAGAAA 1095  
|||||

Db 17 CTATTAAAGAAAGAAAA 1

RESULT 733

US-10-203-224-20/c  
; Sequence 20, Application US/10203224  
; Publication No. US20030086945A1  
; GENERAL INFORMATION:  
; APPLICANT: COLLINS, James E.  
; APPLICANT: FAABERG, Kay S.  
; APPLICANT: ROSSOW, Kurt D.  
; TITLE OF INVENTION: PROCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND  
; TITLE OF INVENTION: METHODS OF USE  
; FILE REFERENCE: 110.01250101  
; CURRENT APPLICATION NUMBER: US/10/203,224  
; CURRENT FILING DATE: 2002-08-07  
; PRIOR APPLICATION NUMBER: PCT/US01/04351  
; PRIOR FILING DATE: 2001-02-08  
; PRIOR APPLICATION NUMBER: 60/181,041  
; PRIOR FILING DATE: 2000-02-08  
; PRIOR APPLICATION NUMBER: 60/193,220  
; PRIOR FILING DATE: 2000-03-30  
; PRIOR APPLICATION NUMBER: 60/206,624  
; PRIOR FILING DATE: 2000-05-24  
; PRIOR APPLICATION NUMBER: 60/215,373  
; PRIOR FILING DATE: 2000-06-29  
; PRIOR APPLICATION NUMBER: 60/260,041  
; PRIOR FILING DATE: 2001-01-05  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-10-203-224-20

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 260 AGACGAGCAGCCTTCA 276  
Db 17 AGACGAGCAGCCTTCA 1

RESULT 734

US-10-163-552-985/c  
; Sequence 985, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MEH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 985  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-985  
Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1083 TAAAAAAGAAAAA 1099

Db 17 TAAAAAAGAAAAA 1

RESULT 735

US-10-156-306-517/c  
; Sequence 517, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MEH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 517  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-517  
Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAGAAAAA 1100  
Db 17 AAAAAAAGAAAAA 1

RESULT 736

US-10-156-306-518/c  
; Sequence 518, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MEH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 518  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-518

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAGAAAAA 1100  
Db 17 AAAAAAAGAAAAA 1

RESULT 737

US-10-156-306-519/c  
; Sequence 519, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MEH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 519  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-519

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 17 AAAAAAAAAAAGAATA 1

## RESULT 738

US-10-156-306-2399/c  
; Sequence 2399, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: Levels of IKK-Gamma and PKR  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2399  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-2399

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 997 GTCGAGCTGAGAAAT 1013  
|||||  
DB 17 GCTGAGGAGGAGAAAT 1

## RESULT 739

US-09-969-373-4310/c  
; Sequence 4310, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Eifertz, Roger J.  
; APPLICANT: Hauge, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 4310  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-4310

Query Match 1.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 GCAGAGAGCTGTGGAG 338  
|||||  
DB 18 GCAGAGAGCTGCAGAG 2

## RESULT 740

US-09-728-574-2  
; Sequence 2, Application US/09728574  
; Patent No. US20020137036A1  
; GENERAL INFORMATION:  
; APPLICANT: Stratagene  
; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture  
; FILE REFERENCE: 25436/1660  
; CURRENT APPLICATION NUMBER: US/09/728,574  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 09/728574  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: cleavage product of oligonucleotide Heltest4  
; NAME/KEY: cleavage product of oligonucleotide Heltest4  
; LOCATION: (1)...(18)  
US-09-728-574-2

Query Match 1.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 1 AAAAAAAAAAATAAAAAA 17

## RESULT 741

US-09-263-959-716/c  
; Sequence 716, Application US/09263959  
; Patent No. US2002015891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McWaters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 716:

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-716

Query Match
Best Local Similarity 1.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAA 2

RESULT 742
US-10-388-263-241/c
; Sequence 241, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Preter, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Chashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-241

Query Match
Best Local Similarity 1.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 GTTTGTTTATGATC 951
Db 18 GTTTGTTTATATTC 2

RESULT 743
US-10-277-216-96
; Sequence 96, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
```

```
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 96
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-96

Query Match
Best Local Similarity 1.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 37 CCAGGTCGAGGGCGG 53
Db 2 CCAGGTCGAGAGAGAG 18

RESULT 744
US-10-289-845-11/c
; Sequence 11, Application US/10289845
; Publication No. US20030170679A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Parodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791 US1
; CURRENT APPLICATION NUMBER: US/10/289,845
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-289-845-11

Query Match
Best Local Similarity 1.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 955 AGCTGGCGAGGTGGCA 971
Db 17 AGCTGGCGGTGGTGGCA 1

RESULT 745
US-10-388-281-24
; Sequence 24, Application US/10388281
; Publication No. US20030175784A1
; GENERAL INFORMATION:
; APPLICANT: Leary, Jeffrey J.
; APPLICANT: Tal-Singer, Ruth
; TITLE OF INVENTION: Method For Detecting, Analyzing, and
; FILE REFERENCE: PS0772C1
; CURRENT APPLICATION NUMBER: US/10/388,281
; CURRENT FILING DATE: 2003-03-13
; PRIOR APPLICATION NUMBER: 09/719,714
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 60/090,464
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: PCT/US99/13813
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
```

```

; ORGANISM: Homo sapiens
US-10-388-281-24

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CAGCGGGACTTCAGGT 936
      |||||
Db 1 CAGCGGGAGGTTTCAGGT 17

RESULT 746
US-10-188-404-32/c
; Sequence 32, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-33

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
      |||||
Db 18 AAAGAGAAAAAGAAA 2

RESULT 748
US-10-216-122-113
; Sequence 113, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazanian, Haig H.
; APPLICANT: Osterag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-216-122-113

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAAAAAGGAAA 1095
      |||||
Db 2 CTATTAAAAAGGAAA 18

RESULT 749
US-09-825-155-5
; Sequence 5, Application US/09825155
; Publication No. US20030100032A1
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruiz
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; CURRENT APPLICATION NUMBER: US/10/188,404
```

; TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA  
; FILE REFERENCE: 1049-1-008N  
; CURRENT APPLICATION NUMBER: US/09/825,155  
; CURRENT FILING DATE: 2001-04-03  
; PRIOR APPLICATION NUMBER: 09/102,491  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/050,286  
; PRIOR FILING DATE: 1997-06-20  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-825-155-5

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 462 GAAGAGCTCCAGAACT 478  
Db 1 GAAGATCTCAGAACT 17  
|||||

RESULT 750  
US-10-224-005-26  
; Sequence 26, Application US/10224005  
; Publication No. US20030143732A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Fosnaugh, Kathy  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD  
; FILE REFERENCE: 900/041 (VHB01-1110-A)  
; CURRENT APPLICATION NUMBER: US/10/224,005  
; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 347  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-224-005-26

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 70.8%; Pred. No. 5.1e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCATAGCC 716  
Db 2 UCGAGGUGCUCAUGGCC 18  
|||||

RESULT 751  
US-10-224-005-187/c  
; Sequence 187, Application US/10224005  
; Publication No. US20030143732A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Fosnaugh, Kathy  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD  
; FILE REFERENCE: 900/041 (VHB01-1110-A)  
; CURRENT APPLICATION NUMBER: US/10/224,005

; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 347  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 187  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-224-005-187

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCATAGCC 716  
Db 18 TCGAGGTGCTCATCGCC 2  
|||||

RESULT 752  
US-10-251-117-218/c  
; Sequence 218, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor  
; FILE REFERENCE: 900/042 (MHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,852  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 218  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-251-117-218

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 811 ACCCTGGTACTGTGGGT 827  
Db 18 ACCCAGGTACTCTGGGT 2  
|||||

RESULT 753  
US-10-251-117-467  
; Sequence 467, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor  
; FILE REFERENCE: 900/042 (MHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117

CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIORITY APPLICATION NUMBER: US 60/393,924
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: US 10/163,552
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/350,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 09/916,466
PRIORITY FILING DATE: 2001-07-25
PRIORITY APPLICATION NUMBER: US 60/296,249
PRIORITY FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patentin version 3.0
SEQ ID NO 467
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-467

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 64.7%; Pred. No. 5.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 811 ACCCTGGTACTGTGGT 827
DB 2 ACCGAGGACUCUGGU 18

RESULT 754
US-10-225-023-196
Sequence 196, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
FILE REFERENCE: 400/054 (MEHB01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIORITY APPLICATION NUMBER: US 60/398,036
PRIORITY FILING DATE: 2002-07-23
PRIORITY APPLICATION NUMBER: US 60/294,140
PRIORITY FILING DATE: 2002-05-29
PRIORITY APPLICATION NUMBER: US 10/157,560
PRIORITY FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patentin version 3.0
SEQ ID NO 196
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-196

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 5.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGATGGGA 1017
DB 3 GAAGCUGCAGAUUGGA 19

RESULT 755
US-10-225-023-934/c
Sequence 934, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
FILE REFERENCE: 400/054 (MEHB01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIORITY APPLICATION NUMBER: US 60/398,036
PRIORITY FILING DATE: 2002-07-23
PRIORITY APPLICATION NUMBER: US 60/294,140
PRIORITY FILING DATE: 2002-05-29
PRIORITY APPLICATION NUMBER: US 10/157,560
PRIORITY FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patentin version 3.0
SEQ ID NO 196
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-934/c

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
FILE REFERENCE: 400/054 (MEHB01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIORITY APPLICATION NUMBER: US 60/398,036
PRIORITY FILING DATE: 2002-07-23
PRIORITY APPLICATION NUMBER: US 60/294,140
PRIORITY FILING DATE: 2002-05-29
PRIORITY APPLICATION NUMBER: US 10/157,560
PRIORITY FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patentin version 3.0
SEQ ID NO 934
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-934

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGATGGGA 1017
DB 17 GAAGCTGCAGATGGGA 1

RESULT 756
US-09-504-231A-1244/c
Sequence 1244, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IPI 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
PRIORITY APPLICATION NUMBER: 09/274,553
PRIORITY FILING DATE: 1999-03-23
PRIORITY APPLICATION NUMBER: 09/257,608
PRIORITY FILING DATE: 1999-02-24
PRIORITY APPLICATION NUMBER: 60/100,842
PRIORITY FILING DATE: 1998-09-18
PRIORITY APPLICATION NUMBER: 60/083,217
PRIORITY FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: Patentin version 3.0
SEQ ID NO 1244
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1244

Query Match 1.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 TGGAGAGAGAGTGTG 786
DB 15 TGGAGAGAGAGTGTG 1

## RESULT 757

US-09-274-553D-1244/c  
; Sequence 1244, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1244  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1244

Query Match 1.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 TGGAGAGAAAGTGTG 786  
DB 15 TGGAGAGAAAGTGTG 1

## RESULT 758

US-09-805-296D-12/c  
; Sequence 12, Application US/09805296D  
; Patent No. US20020155989A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakhmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
; FILE REFERENCE: AM102.P.1US  
; CURRENT APPLICATION NUMBER: US/09/805,296D  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 12  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Synthetic Sequence

## US-09-805-296D-12

Query Match 1.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

## RESULT 759

US-10-051-436-12/c  
; Sequence 12, Application US/10051436  
; Publication No. US20030138045A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakhmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
; FILE REFERENCE: AM102.P.1US  
; CURRENT APPLICATION NUMBER: US/10/051,436  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 12  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Synthetic Sequence  
US-10-051-436-12

Query Match 1.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

## RESULT 760

US-10-072-975-12/c  
; Sequence 12, Application US/10072975  
; Publication No. US20030059789A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakhmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
; FILE REFERENCE: AM102.P.1.1US  
; CURRENT APPLICATION NUMBER: US/10/072,975  
; CURRENT FILING DATE: 2002-02-09  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14



;; PRIOR APPLICATION NUMBER: US 60/250,334  
;; PRIOR FILING DATE: 2000-11-30  
;; PRIOR APPLICATION NUMBER: 09/805,296  
;; PRIOR FILING DATE: 2001-03-13  
;; PRIOR APPLICATION NUMBER: PCT/US01/0811  
;; PRIOR FILING DATE: 2001-03-13  
;; NUMBER OF SEQ ID NOS: 36  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 12  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Construct  
;; NAME/KEY: misc feature  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-072-975-12

Query Match 1.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 761

US-10-164-915-3  
;; Sequence 3, Application US/10164915  
;; Publication No. US20030148391A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Salafsky, Joshua S.  
;; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optics  
;; FILE OF INVENTION: for Detection of Interactions Involving a Conformational Change  
;; FILE REFERENCE: 11100-035-999  
;; CURRENT APPLICATION NUMBER: US/10/164,915  
;; CURRENT FILING DATE: 2002-06-06  
;; PRIOR APPLICATION NUMBER: 60/253,862  
;; PRIOR FILING DATE: 2000-11-29  
;; PRIOR APPLICATION NUMBER: 60/260,249  
;; PRIOR FILING DATE: 2001-01-08  
;; PRIOR APPLICATION NUMBER: 60/265,775  
;; PRIOR FILING DATE: 2001-02-01  
;; PRIOR APPLICATION NUMBER: 60/278,941  
;; PRIOR FILING DATE: 2001-01-27  
;; NUMBER OF SEQ ID NOS: 6  
;; SEQ ID NO 3  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for  
;; OTHER INFORMATION: molecular beacon  
US-10-164-915-3

Query Match 1.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1098  
Db 2 AAAAAAAAAAAAAA 16

## RESULT 762

US-09-866-108-7668  
;; Sequence 7668, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.

;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aeomica Sequence Listing Engine  
;; SEQ ID NO 7668  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-7668

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 768 GAAGTGGAGAGAGAG 782  
Db 3 GAGCTGGAGAGAGAG 17

## RESULT 763

US-09-866-108-7669  
;; Sequence 7669, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7669
```

```
Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 768 GAACGTGAGAAGAG 782
||| ||||| |||||
Db 2 GAGCTGGAGAAGAG 16
```

```
RESULT 764
US-09-866-108-7670
; Sequence 7670, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7670
```

```
Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 768 GAACGTGAGAAGAG 782
||| ||||| |||||
Db 1 GAGCTGGAGAAGAG 15
```

```
RESULT 765
US-09-866-108-8380/c
; Sequence 8380, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
```

;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 8380  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8380

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCGGCT 419  
|||  
Db 16 CTGCTCCAGCTGCT 2

RESULT 766  
US-09-866-108-8652/c  
;; Sequence 8652, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEWICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine

;; SEQ ID NO 8652  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8652

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 TTCTCCAGCTGCAG 46  
|||  
Db 17 TTCTCCAGCTGCAG 3

RESULT 767  
US-09-866-108-8653/c  
;; Sequence 8653, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEWICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 8653  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8653

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 32 TTCTCCAGTGCAG 46
Db 16 TTCTCCAGTGCAG 2

RESULT 768
US-09-825-805-834/c
; Sequence 834, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 834
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-834

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156
Db 15 TGGGGGCTGCAGCTC 1

RESULT 769
US-09-818-875-3710/c
; Sequence 3710, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
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; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3710
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3710

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGGCC 305
Db 17 CTTGCAGTCGGGGCC 3

RESULT 770
US-09-818-875-3711
; Sequence 3711, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3711
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3711

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGGCC 305
Db 1 CTTGCAGTCGGGGCC 15

RESULT 771
US-09-818-875-3714/c
; Sequence 3714, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
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; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3714
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3714

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      16 CTTGCAGTCGGGGCC 2

RESULT 772
US-09-818-875-3715
; Sequence 3715, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3715

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      2 CTTGCAGTCGGGGCC 16

RESULT 773
US-09-818-875-3718/c
; Sequence 3718, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
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; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3718
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3718

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      17 CTTGCAGTCGGGGCC 3

RESULT 774
US-09-818-875-3719
; Sequence 3719, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3719
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3719

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      1 CTTGCAGTCGGGGCC 15

RESULT 775
US-09-784-674-109
; Sequence 109, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences
```

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/784,674
  FILING DATE: 15-Feb-2001
  CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 09/021,701
  FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
  NAME: Choi, Wendy A.
  REGISTRATION NUMBER: 36,697
  REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 650-236-2386
  TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 110:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 17 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
    MOLECULE TYPE: cdna
    HYPOTHETICAL: NO
    ANTI-SENSE: NO
  SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-09-784-674-110

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Dy      133 TGTCGCTTTGGGG 147
Db      2   TGTCTTTTGGGG 16

RESULT 777
US-09-780-533A-1296/c
  Sequence 1296, Application US/09780533A
  Publication No. US20030060611A1
GENERAL INFORMATION:
  APPLICANT: Ribozyne Pharmaceuticals, Inc.
  APPLICANT: Blatt, Larry
  APPLICANT: MCSwiggan, Jim
  APPLICANT: Chowrira, Bharat
  APPLICANT: Haerberli, Pete
  TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
  FILE REFERENCE: MEH800.878-A (400/011)
  CURRENT APPLICATION NUMBER: US/09/780,533A
  CURRENT FILING DATE: 2001-02-09
  PRIOR APPLICATION NUMBER: US 60/181,797
  PRIOR FILING DATE: 2000-02-11
  NUMBER OF SEQ ID NOS: 6679
  SOFTWARE: Patentin version 3.0
  SEQ ID NO 1296
  LENGTH: 17
  TYPE: RNA
  ORGANISM: Homo sapiens
US-09-780-533A-1296

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Dy      792 AAATGCAGGACTGA 806
Db      16 AAATGCAGTACTGA 2

RESULT 778
US-09-780-533A-1700/c
  Sequence 1700, Application US/09780533A

```

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; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1700

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      792. AAACGCGAGTACTGA 806
Db      15 AAACGCGAGTACTGA 1

RESULT 779
US-09-848-754A-1664/c
; Sequence 1664, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1664
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1664

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      813 CCTGCTACTGTGGGT 827
Db      17 CCTGCTAGTGTGGGT 3

RESULT 780
US-09-848-754A-1665/c
; Sequence 1665, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1665
; LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1665

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      813 CCTGCTACTGTGGGT 827
Db      15 CCTGCTAGTGTGGGT 1

RESULT 781
US-09-740-332-1926/c
; Sequence 1926, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1926

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      708 CCCATAGCCCAATTT 722
Db      16 CCCATACCAATTT 2

RESULT 782
US-09-740-332-2629
; Sequence 2629, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2629

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      708 CCCATAGCCCAATTT 722
```

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Db      3  CCCAAUACCAAAUU 17
||||:| ||||:::
RESULT 783
US-10-307-005-2111/c
; Sequence 2111, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2111
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
US-10-307-005-2111

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```
Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 938 TTGTTTATGAGTCA 952  
Db 16 TTGTTTACGAGTCA 2

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RESULT 784
US-10-307-005-2112
; Sequence 2112, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2112
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Gossypium hirsutum

```

```

US-10-307-005-2112
Query Match      1.2%   Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e-02;
Matches 14; Conservative 0; Mismatches 1; Indels

Qy      938 TTGTTTATAGAGTCA 952
Db      2 TTGTTTACGAGTCA 16
|||||||
|||||||

RESULT 785
US-09-792-818-367
Sequence 367, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Rhale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of
FILE REFERENCE: (GRID) Gene
FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 367
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-367

```

Query Match	1.2%	Score 13.4;	DB 1;	Length 17;
Best Local Similarity	93.3%;	Pred. No. 5.4e+02;		
Matches 14;	Conservative	0;	Mismatches 1;	Indels 0;
			Gaps	

Qy            1 GCACGAGCCACAGCC 15  
               |||||  
Db            1 GCACCAGCCACAGCC 15

RESULT 786  
US-09-792-818-390/c  
; Sequence 390, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; TITLE OF INVENTION: (GRD) Gene  
; FILE REFERENCE: MEH00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: patentin version 3.0  
; SEQ ID NO 390  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-390

```

Query Match      1.2%   Score 13.4;   DB 1;   Length 17;
Best Local Similarity 93.3%;   Pred. No. 5.4e+02;
Matches 14;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;
Ov      136  CTGCTTTGGGGCTG 150

```



Db	15	CTGCTGTGGGGGCTG 1
Db	15	CTGCTGTGGGGGCTG 1
RESULT 787		
US-09-792-818-610		
Sequence 610, Application US/09792818		
Publication No. US20030134806A1		
GENERAL INFORMATION:		
APPLICANT: Ribozyme Pharmaceuticals, Inc.		
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection		
FILE REFERENCE: MEHB00-801-F		
CURRENT FILING DATE: 2001-03-26		
NUMBER OF SEQ ID NOS: 9703		
SOFTWARE: Patent in version 3.0		
SEQ ID NO 610		
LENGTH: 17		
TYPE: RNA		
ORGANISM: Homo sapiens		
US-09-792-818-610		
Query Match	1.2%;	Score 13.4; DB 1; Length 17;
Best Local Similarity	93.3%;	Pred. No. 5.4e+02;
Matches	14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
Qy	1	GCACGAGCCACAGCC 15
Db	3	GCACGAGCCACAGCC 17
RESULT 788		
US-09-817-879-1926/c		
Sequence 1926, Application US/09817879		
Publication No. US20030171311A1		
GENERAL INFORMATION:		
APPLICANT: Ribozyme Pharmaceuticals Inc.		
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection		
FILE REFERENCE: MEHB00-801-F		
CURRENT FILING DATE: 2001-03-26		
NUMBER OF SEQ ID NOS: 9703		
SOFTWARE: Patent in version 3.0		
SEQ ID NO 1926		
LENGTH: 17		
TYPE: RNA		
ORGANISM: Homo sapiens		
US-09-817-879-1926		
Query Match	1.2%;	Score 13.4; DB 1; Length 17;
Best Local Similarity	93.3%;	Pred. No. 5.4e+02;
Matches	14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
Qy	708	CCCATAGCCAAATTT 722
Db	16	CCCATAGCCAAATTT 2
RESULT 789		
US-09-817-879-2629		
Sequence 2629, Application US/09817879		
Publication No. US20030171311A1		
GENERAL INFORMATION:		
APPLICANT: Ribozyme Pharmaceuticals Inc.		
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection		
FILE REFERENCE: MEHB00-801-F		
CURRENT FILING DATE: 2001-03-26		
NUMBER OF SEQ ID NOS: 9703		
SOFTWARE: Patent in version 3.0		
SEQ ID NO 1926		
LENGTH: 17		
TYPE: RNA		
ORGANISM: Homo sapiens		
US-09-817-879-2629		
Query Match	1.2%;	Score 13.4; DB 1; Length 17;
Best Local Similarity	93.3%;	Pred. No. 5.4e+02;
Matches	14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
Qy	708	CCCATAGCCAAATTT 722
Db	16	CCCATAGCCAAATTT 2
RESULT 790		
US-10-209-787-3710/c		
Sequence 3710, Application US/10209787		
Publication No. US20030217377A1		
GENERAL INFORMATION:		
APPLICANT: Kmiec, Eric B.		
APPLICANT: Gamper, Howard B.		
APPLICANT: Rice, Michael C.		
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single Stranded Oligonucleotides		
FILE REFERENCE: Napro-4		
CURRENT APPLICATION NUMBER: US/10/209,787		
CURRENT FILING DATE: 2002-07-30		
PRIOR APPLICATION NUMBER: US 09/818,875		
PRIOR FILING DATE: 2001-03-27		
PRIOR APPLICATION NUMBER: US 60/192,176		
PRIOR FILING DATE: 2000-03-27		
PRIOR APPLICATION NUMBER: US 60/192,179		
PRIOR FILING DATE: 2000-03-27		
PRIOR APPLICATION NUMBER: US 60/208,538		
PRIOR FILING DATE: 2000-06-01		
PRIOR APPLICATION NUMBER: US 60/244,989		
PRIOR FILING DATE: 2000-10-30		
NUMBER OF SEQ ID NOS: 4385		
SOFTWARE: Friedman macro Napro4		
SEQ ID NO 3710		
LENGTH: 17		
TYPE: DNA		
ORGANISM: Homo sapiens		
US-10-209-787-3710		
Query Match	1.2%;	Score 13.4; DB 1; Length 17;
Best Local Similarity	93.3%;	Pred. No. 5.4e+02;
Matches	14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
Qy	291	CTTGTAGTCGGGGCC 305
Db	17	CTTGTAGTCGGGGCC 3
RESULT 791		
US-10-209-787-3711		
Sequence 3711, Application US/10209787		
Publication No. US20030217377A1		
GENERAL INFORMATION:		
APPLICANT: Kmiec, Eric B.		
APPLICANT: Gamper, Howard B.		
APPLICANT: Rice, Michael C.		
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single Stranded Oligonucleotides		
FILE REFERENCE: Napro-4		
CURRENT APPLICATION NUMBER: US/10/209,787		
CURRENT FILING DATE: 2002-07-30		
PRIOR APPLICATION NUMBER: US 09/818,875		
PRIOR FILING DATE: 2001-03-27		
PRIOR APPLICATION NUMBER: US 60/192,176		
PRIOR FILING DATE: 2000-03-27		
PRIOR APPLICATION NUMBER: US 60/192,179		
PRIOR FILING DATE: 2000-03-27		
PRIOR APPLICATION NUMBER: US 60/208,538		
PRIOR FILING DATE: 2000-06-01		
PRIOR APPLICATION NUMBER: US 60/244,989		
PRIOR FILING DATE: 2000-10-30		
NUMBER OF SEQ ID NOS: 4385		
SOFTWARE: Friedman macro Napro4		
SEQ ID NO 3710		
LENGTH: 17</		

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3711
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3711

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 1 CTTGCAGTCGGGCC 15

RESULT 792
US-10-209-787-3714/c
; Sequence 3714, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3714
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3714

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 16 CTTGCAGTCGGGCC 2
```

```

RESULT 793
US-10-209-787-3715
; Sequence 3715, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3715

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 2 CTTGCAGTCGGGCC 16

RESULT 794
US-10-209-787-3718/c
; Sequence 3718, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3718
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3718
```

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305  
DB 17 CTTGCAGTCGGGCC 3

RESULT 795  
US-10-209-787-3719  
; Sequence 3719, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3719  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-3719

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305  
DB 1 CTTGCAGTCGGGCC 15

RESULT 796  
US-10-163-552-829/c  
; Sequence 829, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MBH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 829  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-829

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156  
DB 15 TGGGGGCTGCAGCTC 1

RESULT 797  
US-10-156-306-1670/c  
; Sequence 1670, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1670  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1670

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 999 CTGAGGCTGAGAAAT 1013  
DB 17 CTGAGGCGAGGAGAAAT 3

RESULT 798  
US-10-156-306-1671/c  
; Sequence 1671, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1671  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1671

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 999 CTGAGGCTGAGAAAT 1013  
DB 16 CTGAGGCGAGGAGAAAT 2

RESULT 799  
US-09-738-444A-16  
; Sequence 16, Application US/09738444A  
; Publication No. US20030022317A1  
; GENERAL INFORMATION:  
; APPLICANT: Jack, William E.  
; APPLICANT: Schildkraut, Ira  
; APPLICANT: Menin, Julie F.  
; APPLICANT: Greenough, Lucia  
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create

```
; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-16

Query Match: 1.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 439 GCTAAAGCCAGATG 453
Db 3 GCTAAAGCCAGATG 17

RESULT 800
US-10-388-263-232
; Sequence 232, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 232
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-232

Query Match: 1.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 323 CAGAGAAGCTGTGGA 337
Db 4 CAGAGAAGTTGTGGA 18

RESULT 801
US-10-251-117-199/c
; Sequence 199, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
```

```
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 199
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-199

Query Match: 1.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156
Db 17 TGGGGGCTGCAGCTC 3

RESULT 802
US-10-251-117-448
; Sequence 448, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 448
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-448

Query Match: 1.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156
Db 3 UGGGGGCGCAGGUC 17
```

RESULT 803  
US-10-251-117-750/c  
; Sequence 750, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBH02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 750  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r  
US-10-251-117-750

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGGT 827  
DB 17 CCTGGTACTGTGGGT 3

RESULT 804  
US-10-251-117-1057  
; Sequence 1057, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBH02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1057  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-1057

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 60.0%; Pred. No. 6e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGGT 827  
DB 3 CCUGGUGAGUGUGGGU 17

RESULT 805  
US-10-180-781-29/c  
; Sequence 29, Application US/10180781  
; Publication No. US20030180880A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; Schellenberg, Gerard D.  
; Wasco, Wilma  
; Levy-Lahad, Ephrat  
; Bird, Thomas D.  
; Galas, David J.  
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO  
; ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed Intellectual Property Law Group PLLC  
; STREET: 701 Fifth Ave, Suite 6300  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/180,781  
; FILING DATE: 24-Jun-2002  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Potter, Jane E. R.  
; REGISTRATION NUMBER: 33,332  
; REFERENCE/DOCKET NUMBER: 920010.571C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-10-180-781-29

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 418 CTCTCCGGCTGCCCC 432  
DB 17 CTCTCCGGCTGCCCC 3

RESULT 806  
US-10-180-781-43/c  
; Sequence 43, Application US/10180781  
; Publication No. US20030180880A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; Schellenberg, Gerard D.  
; Wasco, Wilma  
; Levy-Lahad, Ephrat

;; Bird, Thomas D.  
;; Galas, David J.  
;; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO  
;; ALZHEIMER'S DISEASE  
;; NUMBER OF SEQUENCES: 88  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Seed Intellectual Property Law Group PLLC  
;; STREET: 701 Fifth Ave, Suite 6300  
;; CITY: Seattle  
;; STATE: Washington  
;; COUNTRY: USA  
;; ZIP: 98104-7092  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/180,781  
;; FILING DATE: 24-Jun-2002  
;; CLASSIFICATION: <Unknown>  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Potter, Jane E. R.  
;; REGISTRATION NUMBER: 33,332  
;; REFERENCE/DOCKET NUMBER: 920010.571C2  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (206) 622-4500  
;; TELEFAX: (206) 682-6031  
;; INFORMATION FOR SEQ ID NO: 43:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 43:  
US-10-180-781-43  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 418 CTCTCCGGCTGCCCC 432  
Db 17 CTCTCCGCTGCCCC 3  
  
RESULT 807  
US-10-205-309-270/c  
; Sequence 270, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 270  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense  
US-10-205-309-270  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 673 AGCTCAGATGGAT 687

Db 19 ACCTCAGATGGAT 5  
  
RESULT 808  
US-10-205-309-595  
; Sequence 595, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 595  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region  
US-10-205-309-595  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 73.3%; Pred. No. 6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;  
  
QY 673 AGCTCAGATGGAT 687  
Db 1 ACCUCACAGAUGG 15  
  
RESULT 809  
US-09-838-386-9/c  
; Sequence 9, Application US/09838386  
; Patent No. US20010055756A1  
; GENERAL INFORMATION:  
; APPLICANT: Pellerin, Charles  
; APPLICANT: Kukulj, George  
; TITLE OF INVENTION: Internal De No. US20010055756A1o Initiation Sites of the HCV NS5  
; FILE REFERENCE: 1011.2180001  
; CURRENT APPLICATION NUMBER: US/09/838,386  
; CURRENT FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: US 60/198,793  
; PRIOR FILING DATE: 2000-04-21  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: oligonucleotide  
US-09-838-386-9  
  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 320 CTGCAGAGAAAGCTGTGGA 337  
Db 18 CTGCAGAGAAAGCTGTGGA 1  
  
RESULT 810  
US-09-942-588A-39  
; Sequence 39, Application US/09942588A  
; Patent No. US20020106667A1

```

; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Screening method for gene variation
; FILE REFERENCE: CPO 15717
; CURRENT APPLICATION NUMBER: US/09/942,588A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263396
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 67
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-588A-39

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
DB 1 GATGGGCTCGGTTTCAT 18

RESULT 811
US-09-764-420A-40
; Sequence 40, Application US/09764420A
; Patent No. US20020115072A1
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Yamamoto, No. US200020115072A1uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; TITLE OF INVENTION: In Sample
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-40

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
DB 1 GATGGGCTCGGTTTCAT 18

RESULT 812
US-09-764-420A-40
; Sequence 40, Application US/09764420A
; Publication No. US20030198952A9
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Yamamoto, No. US200030198952A9uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; TITLE OF INVENTION: In Sample
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-40

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
DB 1 GATGGGCTCGGTTTCAT 18

RESULT 813
US-09-969-373-1831/c
; Sequence 1831, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1831
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1831

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 TGAGCGCAAACTCGAGGA 802
DB 18 TGAACACAAACTGGAGGA 1

RESULT 814
US-09-942-596A-39
; Sequence 39, Application US/09942596A
; Patent No. US20020168648A1
; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
; FILE REFERENCE: CPO 15718
; CURRENT APPLICATION NUMBER: US/09/942,596A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 263506/2000

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0  
0  
4  
0  
7  
3  
4

RESULT 816  
US-09-774-381-11  
; Sequence 11, Application US/09774381  
; Publication No. US20030082677A1  
; GENERAL INFORMATION:  
; APPLICANT: Holtzman, Douglas A.  
; APPLICANT: McCarthy, Sean A.  
; APPLICANT: Pan, Yang  
; APPLICANT: Gearing, David P.  
; TITLE OF INVENTION: NOVEL EDRF, MTR-1, LSP-1, AND PA-I MOLECULES  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: MNI-107CP2  
; CURRENT APPLICATION NUMBER: US/09/774,381  
; CURRENT FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 08/941,354  
; PRIOR FILING DATE: 1999-09-30  
; PRIOR APPLICATION NUMBER: 09/010,674  
; PRIOR FILING DATE: 1998-01-22  
; PRIOR APPLICATION NUMBER: 60/061,149  
; PRIOR FILING DATE: 1997-10-06  
; PRIOR APPLICATION NUMBER: 09/014,347  
; PRIOR FILING DATE: 1998-01-27  
; PRIOR APPLICATION NUMBER: 60/061,159  
; PRIOR FILING DATE: 1997-10-06

RESULT 818  
US-10-388-263-138  
; Sequence 138, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeill, John



US-10-388-263-362  
; Sequence 362, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 138  
; TYPE: DNA  
; LENGTH: 18  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-138  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 614 GGCATCTCAACAGCGC 631  
Db 1 GGCATCTCAACACCTC 18  
RESULT 819  
US-10-388-263-327/c  
; Sequence 327, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 327  
; TYPE: DNA  
; LENGTH: 16  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-327  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 661 TCATGCAGCTGAAGCTCA 678  
Db 18 TCCTGAGCTGAACCTGA 1  
RESULT 820  
US-10-178-325-131  
; Sequence 325, Application US/10178325131  
; Publication No. US20030190612A1  
; GENERAL INFORMATION:  
; APPLICANT: Canon INC.  
; TITLE OF INVENTION: An assay of many samples for multiple items at the same time  
; FILE REFERENCE: 3912041  
; CURRENT APPLICATION NUMBER: US/09/942,662A  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: JP 2000-263395  
; PRIOR FILING DATE: 2000-08-31  
; PRIOR APPLICATION NUMBER: JP 2000-263505  
; PRIOR FILING DATE: 2000-08-31  
; NUMBER OF SEQ ID NOS: 64  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Sample oligonucleotide  
US-09-942-662A-39  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1025 GCTGGGCTCGGCTTCAT 1042  
Db 1 GATGGGCTCGGCTTCAT 18  
RESULT 822  
US-10-178-325-131

US-10-388-263-362  
; Sequence 362, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 362  
; TYPE: DNA  
; LENGTH: 18  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-362  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1032 CTGGCTTTCATAGTGAGG 1049  
Db 1 CTGGCTGACAGTGAGG 18  
RESULT 821  
US-09-942-662A-39  
; Sequence 39, Application US/09942662A  
; Publication No. US20030190612A1  
; GENERAL INFORMATION:  
; APPLICANT: Canon INC.  
; TITLE OF INVENTION: An assay of many samples for multiple items at the same time  
; FILE REFERENCE: 3912041  
; CURRENT APPLICATION NUMBER: US/09/942,662A  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: JP 2000-263395  
; PRIOR FILING DATE: 2000-08-31  
; PRIOR APPLICATION NUMBER: JP 2000-263505  
; PRIOR FILING DATE: 2000-08-31  
; NUMBER OF SEQ ID NOS: 64  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Sample oligonucleotide  
US-09-942-662A-39  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1025 GCTGGGCTCGGCTTCAT 1042  
Db 1 GATGGGCTCGGCTTCAT 18  
RESULT 822  
US-10-178-325-131

Sequence 131, Application US/10178325  
Publication No. US20030199467A1  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cosserat, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
TITLE OF INVENTION: Expression  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/10/178,325  
CURRENT FILING DATE: 2002-06-21  
PRIOR APPLICATION NUMBER: US/09/387,341  
PRIOR FILING DATE: 1999-08-31  
PRIOR APPLICATION NUMBER: 09/156,424  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/156,979  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/156,807  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/161,015  
PRIOR FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 131  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-178-325-131

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 614 GGCATCTCAACACGCC 631  
Db 1 GGCATCTCAACACCTC 18

RESULT 823  
US-10-231-302-39  
Sequence 39, Application US/10231302  
Publication No. US20030082602A1  
GENERAL INFORMATION:  
APPLICANT: Yamamoto, No. US20030082602A1uko  
APPLICANT: Okamoto, Tadashi  
APPLICANT: Suzuki, Tomohiro  
TITLE OF INVENTION: Method for analyzing base sequence of nucleic acid  
FILE REFERENCE: 03500.015203  
CURRENT APPLICATION NUMBER: US/10/231,302  
CURRENT FILING DATE: 2002-08-30  
PRIOR APPLICATION NUMBER: PCT/JP00/07244  
PRIOR FILING DATE: 2000-10-18  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 39  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-231-302-39

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1025 GCTGGCCTCGCTTCAT 1042  
Db 1 GATGGCCTCGCTTCAT 18

RESULT 824  
US-10-316-754-46/c  
Sequence 46, Application US/10316754

Publication No. US20030131376A1  
GENERAL INFORMATION:  
APPLICANT: Okubara, Patricia A.  
APPLICANT: Blechl, Ann E.  
APPLICANT: Hobn, Thomas M.  
APPLICANT: Berk, Randy M.  
TITLE OF INVENTION: Nucleic Acid Sequences Encoding Cell Wall-Degrading and  
TITLE OF INVENTION: Enzymes and Use to Engineer Resistance to Fusarium and  
TITLE OF INVENTION: Other Pathogens  
FILE REFERENCE: 0079.99R  
CURRENT APPLICATION NUMBER: US/10/316,754  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: US/09/649,747  
PRIOR FILING DATE: 2000-08-28  
PRIOR APPLICATION NUMBER: 60/151,582  
PRIOR FILING DATE: 1999-08-30  
PRIOR APPLICATION NUMBER: 60/224,946  
PRIOR FILING DATE: 2000-08-11  
NUMBER OF SEQ ID NOS: 82  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 46  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-316-754-46

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 817 GTACTGTGGTGGCTGAAG 834  
Db 18 GTGCTGAGTGTCTGAAG 1

RESULT 825  
US-09-862-101-2/c  
Sequence 2, Application US/09862101  
Patent No. US20020061526A1  
GENERAL INFORMATION:  
APPLICANT: Ju, Jingfang  
APPLICANT: Simons, Jan Fredrik  
TITLE OF INVENTION: Method for Analyzing a Nucleic Acid  
FILE REFERENCE: 21402-017 US  
CURRENT APPLICATION NUMBER: US/09/862,101  
CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/205,385  
PRIOR FILING DATE: 2000-05-19  
PRIOR APPLICATION NUMBER: 60/265,394  
PRIOR FILING DATE: 2001-01-31  
PRIOR APPLICATION NUMBER: 60/282,982  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-862-101-2

Query Match 1.2%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1096  
Db 13 AAAAAAAAAAAAAA 1

RESULT 826  
US-09-919-345-2/c

```

; Sequence 2, Application US/09919345
; Patent No. US20020061590A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris P.
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David
; TITLE OF INVENTION: Enhanced Targeting of DNA Sequences by Recombinase and Single-Str
; TITLE OF INVENTION: Homologous DNA Probes using DNA Analog Activation
; FILE REFERENCE: A-69625-1/RFT/DLR
; CURRENT APPLICATION NUMBER: US/09/919,345
; CURRENT FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/222,272
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-919-345-2

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
Db 13 AAAAAAAAAAAAAA 1

RESULT 827
US-09-888-326-835/c
; Sequence 835, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 835
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
; NAME/KEY: misc_feature
; LOCATION: (13)...(13)
; OTHER INFORMATION: FITC labeled
US-09-888-326-835

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
Db 13 AAAAAAAAAAAAAA 1

RESULT 828
US-09-888-326-836/c
; Sequence 836, Application US/09888326
; Publication No. US20030026801A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 836
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
; NAME/KEY: misc_difference
; LOCATION: (13)...(13)
; OTHER INFORMATION: FITC labeled
US-09-888-326-836

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
Db 13 AAAAAAAAAAAAAA 1

RESULT 829
US-09-776-479-867/c
; Sequence 867, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 867
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to FITC moiety.
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphodiester backbone.
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-867

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096

```

```

Db      13 AAAAAAAAAAAAA 1
|||||
Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 830
US-09-776-479-868/c
; Sequence 868, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCl/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 868
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to biotin moiety.
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphorothioate and phosphodiester chimeric
; OTHER INFORMATION: backbone with phosphodiester on 3' end.
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-868

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAA 1

RESULT 831
US-10-371-600-13
; Sequence 13, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-13

Query Match      1.2%; Score 13; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAA 1

RESULT 832
US-10-361-028-56
; Sequence 56, Application US/10361028
; Publication No. US20030199471A1
; GENERAL INFORMATION:
; APPLICANT: TAIRA, KAZUNARI
; APPLICANT: WABASHINA, MASAKI
; APPLICANT: KUWABARA, TOMOKO
; APPLICANT: KAWASAKI, HIROAKI
; TITLE OF INVENTION: FUNCTIONAL CHIMERIC MOLECULES CAPABLE OF SLIDING
; FILE REFERENCE: 081356/0151
; CURRENT APPLICATION NUMBER: US/10/361,028
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: US/09/704,525
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: JP 316133/1999
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 13
; TYPE: DNA/RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: poly(A) oligo
US-10-361-028-56

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAA 1

RESULT 833
US-10-208-357-19
; Sequence 19, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lobse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-19

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 834
US-10-112-653-839/c
; Sequence 839, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Synthetic Oligonucleotide
; OTHER INFORMATION: Synthetic Oligonucleotide
; LOCATION: (13)...(13)
; OTHER INFORMATION: Fluorescein isothiocyanate conjugate
US-10-112-653-839

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 835
US-10-112-653-839/c
; Sequence 839, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 839
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Synthetic Oligonucleotide
; OTHER INFORMATION: Synthetic Oligonucleotide
; LOCATION: (13)...(13)
; OTHER INFORMATION: Fluorescein isothiocyanate conjugate
US-10-112-653-839

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 836
US-10-017-995-867/c
; Sequence 867, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 867
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to FITC moiety.
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphodiester backbone.
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-867

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 837
US-10-017-995-868/c
; Sequence 868, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 868
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to biotin moiety.
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphorothioate and phosphodiester chimeric
; OTHER INFORMATION: backbone with phosphodiester on 3' end.
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-868

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
```

```

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e-02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1082 TTAAAAAATAAAAA 1094
DB      13 TTAAAAAATAAAAA 1

RESULT 840
US-10-180-196-6/c
; Sequence 6, Application US/10180196
; Publication No. US20030124562A1
; GENERAL INFORMATION:
; APPLICANT: Guegler, Karl
; APPLICANT: Tan, Ruoying
; APPLICANT: Rose, Michael J.
; TITLE OF INVENTION: Methods and Compositions for Producing
; TITLE OF INVENTION: Full Length cDNA Libraries
; FILE REFERENCE: 06514-087US1
; CURRENT APPLICATION NUMBER: US/10/180,196
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/352,540
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized Primer
US-10-180-196-6

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e-02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAATAAAAA 1096
DB      13 AAAAAAATAAAAA 1

RESULT 841
US-09-810-936-130/c
; Sequence 130, Application US/09810936
; Patent No. US20020068285A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Reed, Steven G.
; APPLICANT: Smith, John M.
; APPLICANT: Misher, Linda E.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Day, Craig H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C11
; CURRENT APPLICATION NUMBER: US/09/810,936
; CURRENT FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-810-936-130

```

Query Match 1.2%; Score 13; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
 |||||  
 Db 13 TAAAAAATAAAAAA 1

RESULT 842  
 US-09-738-973-47/c  
 ; Sequence 47, Application US/09738973  
 ; Patent No. US20020110563A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Reed, Steven G.  
 ; APPLICANT: Henderson, Robert A.  
 ; APPLICANT: Lodes, Michael J.  
 ; APPLICANT: Fling, Steven P.  
 ; APPLICANT: Mohamath, Raodoh  
 ; APPLICANT: Algate, Paul A.  
 ; APPLICANT: Secrist, Heather  
 ; APPLICANT: Indrias, Carol Yoseph  
 ; APPLICANT: Benson, Darin R.  
 ; APPLICANT: Elliott, Mark  
 ; APPLICANT: Mannion, Jane  
 ; APPLICANT: Kalos, Michael D.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
 ; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER  
 ; FILE REFERENCE: 210121.475C9  
 ; CURRENT APPLICATION NUMBER: US/09/738,973  
 ; CURRENT FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 587  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 47  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 US-09-738-973-47

Query Match 1.2%; Score 13; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
 |||||  
 Db 13 TAAAAAATAAAAAA 1

RESULT 843  
 US-09-429-755-130/c  
 ; Sequence 130, Application US/09429755A  
 ; Patent No. US20020111467A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Frudakis, Tony N.  
 ; APPLICANT: Smith, John M.  
 ; APPLICANT: Reed, Steven G.  
 ; APPLICANT: Mishner, Lynda E.  
 ; APPLICANT: Retter, Marc W.  
 ; APPLICANT: Dillon, Davin C.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
 ; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER  
 ; FILE REFERENCE: 210121.419C6  
 ; CURRENT APPLICATION NUMBER: US/09/429,755A  
 ; CURRENT FILING DATE: 1999-10-28  
 ; NUMBER OF SEQ ID NOS: 315  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 130  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Primer  
 US-09-429-755-130

Query Match 1.2%; Score 13; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
 |||||  
 Db 13 TAAAAAATAAAAAA 1

RESULT 844  
 US-09-924-400-130/c  
 ; Sequence 130, Application US/09924400  
 ; Patent No. US20020165371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Frudakis, Tony N.  
 ; APPLICANT: Reed, Steven G.  
 ; APPLICANT: Smith, John M.  
 ; APPLICANT: Mishner, Lynda E.  
 ; APPLICANT: Dillon, Davin C.  
 ; APPLICANT: Retter, Marc W.  
 ; APPLICANT: Wang, Aijun  
 ; APPLICANT: Skeiky, Yasir A. W.  
 ; APPLICANT: Harlocker, Susan L.  
 ; APPLICANT: Day, Craig H.  
 ; APPLICANT: Li, Samuel X.  
 ; APPLICANT: Deng, Ta  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
 ; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER  
 ; FILE REFERENCE: 210121.419C12  
 ; CURRENT APPLICATION NUMBER: US/09/924,400  
 ; CURRENT FILING DATE: 2001-08-07  
 ; NUMBER OF SEQ ID NOS: 340  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 130  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: PCR primer for amplification from breast cancer  
 ; OTHER INFORMATION: tumor cDNA  
 US-09-924-400-130

Query Match 1.2%; Score 13; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
 |||||  
 Db 13 TAAAAAATAAAAAA 1

RESULT 845  
 US-09-854-133-47/c  
 ; Sequence 47, Application US/09854133  
 ; Publication No. US20020183499A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lodes, Michael J.  
 ; APPLICANT: Mohamath, Raodoh  
 ; APPLICANT: Henderson, Robert A.  
 ; APPLICANT: Benson, Darin R.  
 ; APPLICANT: Secrist, Heather  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
 ; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER  
 ; FILE REFERENCE: 210121.475C10  
 ; CURRENT APPLICATION NUMBER: US/09/854,133  
 ; CURRENT FILING DATE: 2001-05-11  
 ; NUMBER OF SEQ ID NOS: 735  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 47  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien

US-09-854-133-47

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 13 TAAAAAATAAAAAA 1

RESULT 846

US-10-385-450-19/c  
; Sequence 19, Application US/10385450  
; Publication No. US20030157683A1  
; GENERAL INFORMATION:  
; APPLICANT: Lehar, et al., Sophie M.  
; TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE  
; FILE REFERENCE: 104322.170DIV  
; CURRENT APPLICATION NUMBER: US/10/385,450  
; CURRENT FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US/09/151,771B  
; PRIOR FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer sequence  
; NAME/KEY: unsure  
; LOCATION: (13)  
; OTHER INFORMATION: any nucleotide can be used  
US-10-385-450-19

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 14 TAAAAAATAAAAAA 1

RESULT 847

US-10-385-450-20/c  
; Sequence 20, Application US/10385450  
; Publication No. US20030157683A1  
; GENERAL INFORMATION:  
; APPLICANT: Lehar, et al., Sophie M.  
; TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE  
; FILE REFERENCE: 104322.170DIV  
; CURRENT APPLICATION NUMBER: US/10/385,450  
; CURRENT FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US/09/151,771B  
; PRIOR FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer sequence  
; NAME/KEY: unsure  
; LOCATION: (13)  
; OTHER INFORMATION: any nucleotide can be used  
US-10-385-450-20

Query Match 1.2%; Score 13; DB 1; Length 14;

Best Local Similarity 92.9%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | |  
DB 14 AAAAAAATAAAAAA 1

RESULT 848

US-10-103-614A-2/c  
; Sequence 2, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-NAHMOOD  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103,614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-2

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 13 TAAAAAATAAAAAA 1

RESULT 849

US-10-301-844-23/c  
; Sequence 23, Application US/10301844  
; Publication No. US20030100747A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruddy, David A.  
; Wolff, Roger K.  
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds, LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036-2811  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/301,844  
; FILING DATE: 20-NOV-02  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/852,495C  
; FILING DATE: 07-MAY-1997  
; ATTORNEY/AGENT INFORMATION:



```
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 25,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-301-844-23

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 TAAAAAATAAAAAA 1096
   |||||
Db 14 TAAAAAATAAAAAA 2

RESULT 850
US-10-144-649A-47/c
; Sequence 47, Application US/10144649A
; Publication No. US20030118599A1
; GENERAL INFORMATION:
; APPLICANT: Lodes, Michael J.
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Algate, Paul A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.475C11
; CURRENT APPLICATION NUMBER: US/10/144,649A
; CURRENT FILING DATE: 2002-08-21
; NUMBER OF SEQ ID NOS: 749
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-144-649A-47

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095
   |||||
Db 13 TAAAAAATAAAAAA 1

RESULT 851
US-10-212-679-130/c
; Sequence 130, Application US/10212679
; Publication No. US20030125536A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary
; APPLICANT: Hirst, Shannon Kathleen
; APPLICANT: Dillon, Davin
; APPLICANT: Foy, Teresa
; APPLICANT: Houghton, Ray
; APPLICANT: Persing, David
; APPLICANT: Kalos, Michael
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C14
; CURRENT APPLICATION NUMBER: US/10/212,679
```

```
; CURRENT FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for amplification from breast cancer
; OTHER INFORMATION: tumor CDNA
US-10-212-679-130

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095
   |||||
Db 13 TAAAAAATAAAAAA 1

RESULT 852
US-09-504-231A-440/c
; Sequence 440, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 440
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-440

Query Match          1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCCAATTT 722
   |||||
Db 15 CATAGCCCAATTT 3

RESULT 853
US-09-504-231A-1245/c
; Sequence 1245, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
```

```

US-09-274-553D-1245/c
; Sequence 1245, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: Pti 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1245
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1245

Query Match 1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 772 TGGAGAAGAAGTG 784
Db 13 TGGAGAAGAAGTG 1

RESULT 856
US-09-263-959-59
; Sequence 59, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 59:

```

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-59

Query Match  
Best Local Similarity 100.0%; Score 13; DB 1; Length 15;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 408 CTCACGAGGCTC 420  
DB 3 CTCACGAGGCTC 15

RESULT 857  
US-10-010-802-180/c  
Sequence 180, Application US/10010802  
Publication No. US20030078220A1  
GENERAL INFORMATION:  
APPLICANT: Genaisance Pharmaceuticals  
APPLICANT: Denton, R. Rex  
APPLICANT: Duda, Amy  
APPLICANT: Nandabalan, Krishnan  
APPLICANT: Stephens, J. Claiborne  
TITLE OF INVENTION: Windemuth, Andreas  
TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
FILE REFERENCE: MWH-0002US2 IL4R alpha  
CURRENT APPLICATION NUMBER: US/10/010,802  
CURRENT FILING DATE: 2001-11-09  
PRIOR APPLICATION NUMBER: PCT/US00/19094  
PRIOR FILING DATE: 2000-07-13  
NUMBER OF SEQ ID NOS: 413  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 180  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-010-802-180

Query Match  
Best Local Similarity 100.0%; Score 13; DB 1; Length 15;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 143 GGGGCTGCAGCT 155  
DB 14 GGGGCTGCAGCT 2

RESULT 858  
US-10-287-919-2272/c  
Sequence 2272, Application US/10287919  
Publication No. US20030085830A1  
GENERAL INFORMATION:  
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
TITLE OF INVENTION: Methanococcus jannaschii complete genome.  
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333  
CURRENT APPLICATION NUMBER: US/10/287,919  
CURRENT FILING DATE: 2002-11-05  
NUMBER OF SEQ ID NOS: 2706  
SOFTWARE: Proprietary  
SEQ ID NO 2272  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Methanococcus jannaschii complete genome.  
FEATURE:  
LOCATION: (1403144)...(1403158)  
OTHER INFORMATION: Chromosome = 1 Strand = positive  
US-10-287-919-2272

ConnectronObjectNumber = 2902

Query Match  
Best Local Similarity 100.0%; Score 13; DB 1; Length 15;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1078 ACTATTAAAAAA 1090  
DB 14 ACTATTAAAAAA 2

RESULT 859  
US-10-287-919-2400/c  
Sequence 2400, Application US/10287919  
Publication No. US20030085830A1  
GENERAL INFORMATION:  
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
TITLE OF INVENTION: Methanococcus jannaschii complete genome.  
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333  
CURRENT APPLICATION NUMBER: US/10/287,919  
CURRENT FILING DATE: 2002-11-05  
NUMBER OF SEQ ID NOS: 2706  
SOFTWARE: Proprietary  
SEQ ID NO 2400  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Methanococcus jannaschii complete genome.  
FEATURE:  
LOCATION: (1475658)...(1475673)  
OTHER INFORMATION: Chromosome = 1 Strand = negative  
US-10-287-919-2400

Query Match  
Best Local Similarity 100.0%; Score 13; DB 1; Length 15;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1078 ACTATTAAAAAA 1090  
DB 14 ACTATTAAAAAA 2

RESULT 860  
US-10-331-907-423/c  
Sequence 423, Application US/10331907  
Publication No. US20030181660A1  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael I  
TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/331,907  
FILING DATE: 31-Dec-2002  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1758
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-1758

Query Match      1.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.3e-02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      441 CTTAAGCCAGATG 453
      |||||
Db       5 CTTAAGCCAGATG 17

RESULT 862
US-09-866-108-1759
; Sequence 1759, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1759
; LENGTH: 17
; TYPE: DNA

```

RESULT 865  
US-03-866-108-1762  
; Sequence 1762, Application US/09866108  
; Patent No. US20030048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 1762  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-1762

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453  
DB 1 CTAAGCCAGATG 13

RESULT 866  
US-10-339-782-358/c  
Sequence 358, Application US/10339782  
Publication No. US20030166026A1  
GENERAL INFORMATION:  
APPLICANT: Lynx Therapeutics, Inc.  
APPLICANT: Goodman, Laurie J  
APPLICANT: Bowen, Benjamin A  
TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
FILE REFERENCE: 37-000110US  
CURRENT APPLICATION NUMBER: US/10/339,782  
CURRENT FILING DATE: 2003-01-08  
NUMBER OF SEQ ID NOS: 495  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 358  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-10-339-782-358

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 395 CACACACCCCTG 407  
DB 17 CACACACCCCTG 5

RESULT 867  
US-10-156-306-527/c  
Sequence 527, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: Levels of IKK-Gamma and PKR  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 527  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-527

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAA 1094  
DB 13 TTAATAAAAAAAAAA 1

RESULT 868  
US-09-969-373-3287  
Sequence 3287, Application US/09969373  
Patent No. US2002013852A1  
GENERAL INFORMATION:  
APPLICANT: Effertz, Roger J.  
APPLICANT: Hauge, Brian M.  
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
FILE REFERENCE: 38-10(52679)A  
CURRENT APPLICATION NUMBER: US/09/969,373  
CURRENT FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: US 09/754,853  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: US 09/760,427  
PRIOR FILING DATE: 2001-01-13  
PRIOR APPLICATION NUMBER: US 09/855,768  
PRIOR FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 4593  
SEQ ID NO 3287  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Glycine max  
US-09-969-373-3287

Query Match 1.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 465 GAGTCCAGGAAC 477  
DB 2 GAGTCCAGGAAC 14

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RESULT 869
US-10-106-799-2/c
; Sequence 2, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T11C (anchored) primer for differential display
US-10-106-799-2
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 870
US-10-106-799-3/c
; Sequence 3, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T11G (anchored) primer for differential display
US-10-106-799-3
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 871
US-09-823-887C-6/c
; Sequence 6, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1el Gene Sequences Expressed and Rep
; FILE REFERENCE: H053916.0001US0
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-17
Query Match 1.2%; Score 13; DB 1; Length 18;
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; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-6
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 872
US-09-823-887C-7/c
; Sequence 7, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1el Gene Sequences Expressed and Re
; FILE REFERENCE: H053916.0001US0
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-7
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 873
US-10-109-363-17/c
; Sequence 17, Application US/10109363
; Publication No. US20030196214A1
; GENERAL INFORMATION:
; APPLICANT: SHARMA, PRITI
; APPLICANT: KUMAR, SANJAY
; APPLICANT: AHUJA, PARAMVIR SINGH
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A
; FILE REFERENCE: 3097-4009
; CURRENT APPLICATION NUMBER: US/10/109,363
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-17
Query Match 1.2%; Score 13; DB 1; Length 18;
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Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 17 AAAAAAAAAAAAAA 5

RESULT 874
US-10-109-363-18/c
; Sequence 18, Application US/10109363
; Publication No. US20030196214A1
; GENERAL INFORMATION:
; APPLICANT: SHARMA, PRITI
; APPLICANT: KUMAR, SANJAY
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A
; FILE OF INVENTION: METHOD OF INTRODUCING WATER-STRESS TOLERANCE
; FILE REFERENCE: 3097-4009
; CURRENT APPLICATION NUMBER: US/10/109,363
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-18

Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 17 AAAAAAAAAAAAAA 5

RESULT 875
US-10-181-603-10
; Sequence 10, Application US/10181603
; Publication No. US20030049662A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTSP-0342
; CURRENT APPLICATION NUMBER: US/10/181,603
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01165
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/487,444
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-603-10

Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 420 CTCGGGTGCCCC 432
DB 1 CTCGGGTGCCCC 13

RESULT 876
US-10-209-608-44
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; Sequence 44, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID M
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING D
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-44

Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 6 AAAAAAAAAAAAAA 18

RESULT 877
US-09-263-959-950/c
; Sequence 950, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
```



TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 950:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-950

Query Match 1.2%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1081 ATTAAAAAATAAATAA 1096  
DB 16 AATAAAAAATAAATAA 1

RESULT 878  
US-10-084-839-3790/c  
Sequence 3790, Application US/10084839  
Publication No. US20030186238A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Allawi, Hatim  
APPLICANT: Argue, Brad T.  
APPLICANT: Bartholomay, Christian T.  
APPLICANT: Chetnak, LuAnne  
APPLICANT: Curtis, Michelle L.  
APPLICANT: Eis, Peggy S.  
APPLICANT: Hall, Jeff G.  
APPLICANT: Ip, Hon S.  
APPLICANT: Ji, Lin  
APPLICANT: Kaiser, Michael  
APPLICANT: Kwiatkowski, Jr., Robert W.  
APPLICANT: Lukowiak, Andrew A.  
APPLICANT: Lyamachev, Victor  
APPLICANT: Lymacheva, Natalie E.  
APPLICANT: Ma, WuPo  
APPLICANT: Neri, Bruce P.  
APPLICANT: Olson, Sarah M.  
APPLICANT: Olson-Munoz, Marilyn C.  
APPLICANT: Schaefer, James J.  
APPLICANT: Skrzypczynski, Zbigniew  
APPLICANT: Takova, Tsetska Y.  
APPLICANT: Thompson, Lisa C.  
APPLICANT: Vedvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3790  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-084-839-3790

Query Match 1.2%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 202 TCCTGGGTGCCAGCC 217  
DB 16 TCCTGGGTGCCAGCC 1

RESULT 879  
US-09-866-108-1787/c  
Sequence 1787, Application US/09866108

Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeoica Sequence Listing Engine  
SEQ ID NO 1787  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-1787

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 CCGTCCTGCTGGCGG 394  
DB 17 CCTTCCTGCTGGCAGG 2

RESULT 880  
US-09-866-108-1788/c  
Sequence 1788, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1788
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1788

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      379 CCGTCTGCTGCGGG 394
DB      16 CCGTCTGCTGCGCAG 1

RESULT 881
US-09-866-108-6595
Sequence 6595, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6595
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6595

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 CAGTTCTCTGGGTTC 212
DB      2 CAGTTCTCTGGGTTC 17

RESULT 882
US-09-866-108-6596
Sequence 6596, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 6596
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-866-108-6596

Query Match      1.2%      Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Caps 0;

```

Qy 197 CAGTTTCCTGGGTTC 212  
| | | | |  
Db 1 CAGCTTGTGGGTTC 16

RESULT 883

US-09-866-108-7586  
US-Sequence 7586, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yongshang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ABOICA-7  
CURRENT APPLICATION NUMBER: US/09/866.108  
CURRENT FILING DATE: 2001-05-25  
PRIORITY APPLICATION NUMBER: US 60/207,456  
PRIORITY FILING DATE: 2000-05-26  
PRIORITY APPLICATION NUMBER: GB 24263.6  
PRIORITY FILING DATE: 2000-10-04  
PRIORITY APPLICATION NUMBER: US 60/236,359  
PRIORITY FILING DATE: 2000-09-27  
PRIORITY APPLICATION NUMBER: PCT/US01/00666  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00667  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00664  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00669  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00665  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00668  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00663  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00662  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00661  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00670  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: US 60/234,687

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Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 769 AACTGGAGAGAAGTG 784  
|||  
Db 1 AACTGAAGAGGAAGTG 16

RESULT 885

RES001\_865  
 US-09-866-108-8378/c  
 ; Sequence 8378, Application US/09866108  
 ; Patent No. US20020048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: A60MCA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866.108  
 ; CURRENT FILING DATE: 2001-05-25

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, PRIOR APPLICATION DATE: 2001-03-23
, PRIOR APPLICATION NUMBER: US 60/207,456
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: GB 24263.6
, PRIOR FILING DATE: 2000-10-04
, PRIOR APPLICATION NUMBER: US 60/236,359
, PRIOR FILING DATE: 2000-09-27
, PRIOR APPLICATION NUMBER: PCT/US01/00666
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00662
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00661
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,687
, PRIOR FILING DATE: 2000-09-21
, PRIOR APPLICATION NUMBER: US 60/266,860
, PRIOR FILING DATE: 2001-02-05
, NUMBER OF SEQ ID NOS: 15752
, SOFTWARE: ASeqma Sequence Listing Engine
, SEQ ID NO 8378
, LENGTH: 17

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LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8378

Query Match	1.2%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%	Pred. No. 6.8e+02;		
Matches 14; Conservative	0;	Mismatches 2;	Indels	

Qy 406 TGCTCCAGCAGGCTCT 421  
|||||  
Dp 17 TGCTCCAGCTGGCTGT 2

Die

```

RESULT 886
US-09-866-108-8384/c
; Sequence 8384, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANKZ, David K.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRES
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acemica Sequence Listing Engine
; SEQ ID NO 8384
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8384

```

Query Match	1.2%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%	Pred. No. 6.8e+02;		
Matches 14: Conservative	0;	Mismatches 2;	Indels	

Qy 401 CACCCTGCTCCAGCAG 416  
Db 15 CACTCTGCTCCAGCTG 1

DEC 17 1967

RES-09-866-108-8655/c  
 ; Date/Time 8655, Application US/09866108  
 ; Patent No. US20020048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.

```

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6061A-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: A6061A Sequence Listing Engine
; SEQ ID NO 8655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8655

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```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 30 GGTTCCTCCAGGTGCA 45
DB 16 GGTTCCTCCAGGTGCA 1

```

```

RESULT 888
US-09-827-998-483
; Sequence 483, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: A6061A Sequence Listing Engine
; SEQ ID NO 483
; LENGTH: 17
; TYPE: DNA

```

```

; ORGANISM: Homo sapiens
US-09-827-998-483
Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1099
DB 2 AAAAAAAAAAGAGAA 17
RESULT 889
US-09-827-998-485
; Sequence 485, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: A6061A Sequence Listing Engine
; SEQ ID NO 485
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-485

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```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1099
DB 1 AAAAAAAAAAGAGAA 16

```

```

RESULT 890
US-09-864-785-146
; Sequence 146, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 146
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-146

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```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.8e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 420 CTCGGCGTGGCCCTG 435

```

```
Db      2 CUCCGCCUGCGCCUG 17
      ||||| ||||| |||||
RESULT 891
US-09-864-785-245/c
; Sequence 245, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 245
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-245
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      245 GCTCTTGAAGGACTTA 260
      ||||| ||||| |||||
Db      17 GCTCTTGAAGGCTCA 2

RESULT 892
US-09-864-785-587/c
; Sequence 587, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 587
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-587
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1001 GAGCTGGAGGATGGG 1016
      ||||| ||||| |||||
Db      17 GAAGCTGGAGGATGGG 2

RESULT 893
US-09-864-785-1488
; Sequence 1488, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1488
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1488
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      474 GAAGCTGGAGGATGGG 489
      ||||| ||||| |||||
Db      17 GAAGCTGGAGGATGGG 2

RESULT 894
US-09-825-805-408/c
; Sequence 408, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-408
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      474 GAAGCTGGAGGATGGG 489
      ||||| ||||| |||||
Db      17 GAAGCTGGAGGATGGG 2
```

```

Db      17  GTACTGGCATTCTC 2

RESULT 895
US-09-825-805-557/c
; Sequence 557, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into Oligonucleosides
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 557
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-557

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1084  AAAAAAAAAAAAAAAAAA 1099
Db      17  AACACAAACAAAAAA 2

RESULT 896
US-09-825-805-856/c
; Sequence 856, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into Oligonucleosides
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29

```

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 149:  
US-09-961-077-149

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 777 AAGAAGTGTGAGCGCA 792  
DB 1 AAGAAGUUCGAGCGCA 16

RESULT 898  
US-09-961-077-863  
Sequence 863, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 863:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 863:  
US-09-961-077-863

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAAAA 1092  
DB 2 AUCUGUAAAAAAA 17

RESULT 899  
US-09-765-061B-44/C  
Sequence 44, Application US/09765061B  
Publication No. US20030022165A1  
GENERAL INFORMATION:  
APPLICANT: Board of Regents of the University of Texas System  
TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene  
FILE REFERENCE: 96606/16UTL  
CURRENT APPLICATION NUMBER: US/09/765,061B  
CURRENT FILING DATE: 2001-01-17  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 44  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(17)  
MODULATION: 5' to 3' primer sequence  
US-09-765-061B-44

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1007 GGAGAAATGGAAAGTGT 1022  
DB 17 GGAGAAAGGGAGGTGT 2

RESULT 900  
US-09-818-875-599/c  
Sequence 599, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Camper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 599

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 149:  
US-09-961-077-149

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 777 AAGAAGTGTGAGCGCA 792  
DB 1 AAGAAGUUCGAGCGCA 16

RESULT 898  
US-09-961-077-863  
Sequence 863, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 863:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 863:  
US-09-961-077-863

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAAAA 1092  
DB 2 AUCUGUAAAAAAA 17

RESULT 899  
US-09-765-061B-44/C  
Sequence 44, Application US/09765061B  
Publication No. US20030022165A1  
GENERAL INFORMATION:  
APPLICANT: Board of Regents of the University of Texas System  
TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene  
FILE REFERENCE: 96606/16UTL  
CURRENT APPLICATION NUMBER: US/09/765,061B  
CURRENT FILING DATE: 2001-01-17  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 44  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(17)  
MODULATION: 5' to 3' primer sequence  
US-09-765-061B-44

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1007 GGAGAAATGGAAAGTGT 1022  
DB 17 GGAGAAAGGGAGGTGT 2

RESULT 900  
US-09-818-875-599/c  
Sequence 599, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Camper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 599



```
;
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-599

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 TGGAGCTCTGAGGCTG 1007
Db 16 TGGAGGCTGAGGTTG 1

RESULT 901
US-09-818-875-600
; Sequence 600, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-600

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 TGGAGCTCTGAGGCTG 1007
Db 2 TGGAGGCTGAGGTTG 17

RESULT 902
US-09-784-674-112
; Sequence 112, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Kolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; COMPANY M/S 2080
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
```

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-09-784-674-112

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 GTCGCTTTGGGGGCT 149
Db 1 GTCGTTTGGGGGAT 16

RESULT 903
US-09-780-533A-1170/c
; Sequence 1170, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrika, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHR00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1170
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1170

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCAGAACTGGAGAG 779
Db 17 GGCAGAACTGGAGAG 2
```

```
RESULT 904
US-09-780-533A-1424/c
; Sequence 1424, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1424
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1424

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 667 AGCTGAAGCTCACAGA 682
Db 16 AGCTGATGTCACAGA 1

RESULT 905
US-09-780-533A-1891
; Sequence 1891, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1891
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1891

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 58.9%; Pred. No. 6.8e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1012 ATGGGAAGTGTAACT 1027
Db 2 AUGGGAAGUGAAGAU 17

RESULT 906
US-09-780-533A-1940/c
; Sequence 1940, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1940
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1940

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCAGAACTGGAGAG 779
Db 16 GGCRAAACTGGTGAAG 1

RESULT 907
US-09-780-533A-2483
; Sequence 2483, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2483

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1008 GAGATGGGAAGTGA 1023
Db 2 GAGUAUGGAAGUGAA 17

RESULT 908
US-09-877-478-2454/c
; Sequence 2454, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
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; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2454  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-2454

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 513 AGTTGGCAATTGGGA 528  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 AGTTGGCAATTAGGA 1

RESULT 909  
US-09-848-754A-257/c  
; Sequence 257, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 257  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-257

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 86 TGGTTAGGACCTTCTC 101  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 TGGTTGGAGCTTCTC 1

RESULT 910  
US-09-848-754A-1350/c  
; Sequence 1350, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1350  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1350

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 86 TGGTTAGGACCTTCTC 101  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 TGGTTGGAGCTTCTC 2

RESULT 911  
US-09-848-754A-1419  
; Sequence 1419, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1419  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1419

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCCCTG 435  
| : | | | | | | | | | | | | | | | | | | | | | |  
Db 2 CUUCGGCUGCCUCCUG 17

RESULT 912  
US-09-848-754A-2448  
; Sequence 2448, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2448  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2448

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCCCTG 435  
| : | | | | | | | | | | | | | | | | | | | | | |  
Db 1 CUUCGGCUGCCUCCUG 16

RESULT 913

RESULT 917  
 US-09-930-423-1745  
 ; Sequence 1745, Application US/09930423  
 ; Publication No. US2003092003A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Blatt, Larry

```

; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1745
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1745

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTGCTGGCGGGGACAC 399
Db 1 CUGCUGCGGGGAUAC 16

RESULT 918
US-09-780-164-892
; Sequence 992, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 892
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-892

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 469 TCCAGGAAGCTTGGCAT 484
Db 2 UCCAGGAACUUGUAU 17

RESULT 919
US-09-827-395A-273/c
; Sequence 273, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 273
```

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-273

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 TGCCTCCAGGAAGAG 467
Db 17 TGCCGTGCAGGAAGAG 2

RESULT 920
US-09-827-395A-561/c
; Sequence 561, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 561
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-561

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 424 GGCTGCCCTGCTAG 439
Db 17 GGCTGCCCTGCTAG 2

RESULT 921
US-09-827-395A-646/c
; Sequence 646, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 646
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-646
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Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 TCCTTCAGGAGAG 467  
DB 16 TCCCGTCAGGAGAG 1

RESULT 922

US-09-827-395A-893/c  
; Sequence 893, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
; FILE REFERENCE: MEH800-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 893  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-893

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGGAGC 418  
DB 17 CCAGCTCTGAGGC 2

RESULT 923

US-09-827-395A-894/c  
; Sequence 894, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
; FILE REFERENCE: MEH800-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 894  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-894

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGGAGC 418

DB 16 CCCAGCTCTGAGGC 1

RESULT 924

US-09-740-332-1032  
; Sequence 1032, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1032  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1032

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGCTTAGGACC 96  
DB 2 AACUGGGGUAAGGACC 17

RESULT 925

US-09-740-332-3523/c  
; Sequence 3523, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3523  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-3523

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGCTTAGGACC 96  
DB 17 AACTGGGGTAAGGACC 2

RESULT 926

US-10-307-005-1755  
; Sequence 1755, Application US/10307005  
; Publication No. US20030236208A1  
; GENERAL INFORMATION:

```

; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1755
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Ipomoea batatas
US-10-307-005-1755

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1006 TCGAGAATGGGAAGTG 1021
DB 1 TCGAGAATGAAAAGTG 16

RESULT 927
US-10-307-005-1756/c
; Sequence 1756, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1756
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Ipomoea batatas
US-10-307-005-1756

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1006 TCGAGAATGGGAAGTG 1021
DB 17 TCGAGAATGAAAAGTG 2

RESULT 928
US-10-307-005-1995/c
; Sequence 1995, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1995
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza glaberrima
US-10-307-005-1995

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 CAGCGCCACCTGTCTCA 365
DB 16 CGGCGCCTACTGTCTCA 1

RESULT 929
US-10-307-005-1996
; Sequence 1996, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1996
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza glaberrima
US-10-307-005-1996

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Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 CAGCGCCAACTGTGCA 365  
| | | | | | | | | | | | | | | | |  
Db 2 CGCGCGCTACCTGTGCA 17

RESULT 930  
US-09-745-237A-1741  
; Sequence 1741, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1741  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-1741

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 115 AGAAACGGGAAGAAG 130  
| | | | | | | | | | | | | | | | |  
Db 1 AGAAAGAGAGAAGAAG 16

RESULT 931  
US-09-745-237A-1745  
; Sequence 1745, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1745  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-1745

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTGCTGGCGGCACAC 399  
| : | | | | | | | | | | | | | | |  
Db 1 CUGCUGCGCGGAUAC 16

RESULT 932  
US-10-238-700-2933  
; Sequence 2933, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4566  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2933  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2933

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 979 TAATCTCAGCCCTTGG 994  
| | | | | | | | | | | | | | | | |  
Db 1 UAACCUCAGCCCGG 16

RESULT 933  
US-10-169-983-2/c  
; Sequence 2, Application US/10169983  
; Publication No. US20030158250A1  
; GENERAL INFORMATION:  
; APPLICANT: Takara Shuzo Co., Ltd.  
; TITLE OF INVENTION: Therapeutic agents  
; FILE REFERENCE: 01-011-PCT  
; CURRENT APPLICATION NUMBER: US/10/169,983  
; CURRENT FILING DATE: 2002-07-14  
; PRIOR APPLICATION NUMBER: JP 2000-4989  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: JP 2000-303711  
; PRIOR FILING DATE: 2000-10-03  
; NUMBER OF SEQ ID NOS: 61  
; SEQ ID NO 2  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Designed primer based on nucleotide sequence of  
; OTHER INFORMATION: human prostaglandin G/H synthase-2 mRNA.  
US-10-169-983-2

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 257 CTTACACAGGAGCACC 272  
| | | | | | | | | | | | | | | | |  
Db 17 CTTAAACAGGAGCATC 2

RESULT 934  
US-10-061-201-1670/c  
; Sequence 1670, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30



;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 09/864,761  
;; PRIOR FILING DATE: 2001-05-23  
;; PRIOR APPLICATION NUMBER: US 60/328,205  
;; PRIOR FILING DATE: 2001-10-10  
;; NUMBER OF SEQ ID NOS: 4162  
;; SOFTWARE: Aescmca Sequence Listing Engine  
;; SEQ ID NO 1670  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-061-201-1670

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 GGAGCACCTTCAGAA 280  
DB 17 GGATCACCTTCGAAA 2

RESULT 935  
US-10-061-201-1671/c  
; Sequence 1671, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/328,205  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aescmca Sequence Listing Engine  
; SEQ ID NO 1671  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-061-201-1671

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 265 GGAGCACCTTCAGAA 280  
DB 16 GGATCACCTTCGAAA 1

RESULT 936  
US-09-817-879-1032  
; Sequence 1032, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: MHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1032  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-1032

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGGTTAGGACC 96  
DB 2 AACUGGGGUAAGGACC 17

RESULT 937  
US-09-817-879-3523/c  
; Sequence 3523, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: MHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3523  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3523

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGGTTAGGACC 96  
DB 17 AACTGGGGTAAGGACC 2

RESULT 938  
US-10-339-793-68/c

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; Sequence 68, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 27-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-68

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      673 AGCTCACATGATGC 688
Db      16 AGCACACTGATGC 1

RESULT 939
US-10-230-006-760/c
; Sequence 760, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggan, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDI
; FILE REFERENCE: 400/056 (WEHE01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 760
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-760

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      33 TCCTCCAGGTGCAGAG 48
Db      16 TCCTCCAGGGGCTGAG 1

RESULT 940
US-10-209-787-599/c
; Sequence 599, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 60/818,875
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-599

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      992 TCGAAGTCTGAGGCTG 1007
Db      2 TCGAAGCTGAGGTTG 17

RESULT 942
US-10-020-038-14/c
; Sequence 14, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS

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; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 599
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-599

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      992 TCGAAGTCTGAGGCTG 1007
Db      16 TCGAAGCTGAGGTTG 1

RESULT 941
US-10-209-787-600
; Sequence 600, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 60/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-600

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      992 TCGAAGTCTGAGGCTG 1007
Db      2 TCGAAGCTGAGGTTG 17

RESULT 942
US-10-020-038-14/c
; Sequence 14, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS

```

; FILE REFERENCE: 120541-1013  
; CURRENT APPLICATION NUMBER: US/10/020,038  
; CURRENT FILING DATE: 2001-12-12  
; PRIOR APPLICATION NUMBER: US/09/488,364  
; PRIOR FILING DATE: 2000-01-12  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-020-038-14

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 2;

QY 326 AGAAGCTGTGGAGCAA 341  
|||||  
Db 16 AGAAGTCTGGAGCAA 1

RESULT 943  
US-10-163-552-424/c  
; Sequence 424, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 424  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-424

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 2;

QY 474 GAACCTGGCATTCCTC 489  
|||||  
Db 17 GTACTCGGCATTCCTC 2

RESULT 944  
US-10-163-552-845  
; Sequence 845, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 845  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-845

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 11; Conservative 3; Mismatches 2;

QY 375 CTGGCCGCTCTGCTGG 390  
|||||  
Db 2 CUGCCCGACCGUGG 17

RESULT 945  
US-10-163-552-890/c  
; Sequence 890, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 890  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-890

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 2;

QY 812 CCCTGGTACTGTGGGT 827  
|||||  
Db 17 CCCAGGTACTCTGGGT 2

RESULT 946  
US-10-163-552-891/c  
; Sequence 891, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 891  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-891

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 2;

QY 811 ACCCTGGTACTGTGGG 826  
|||||  
Db 16 ACCCAGGTACTCTGGG 1

RESULT 947  
US-10-163-552-984/c  
; Sequence 984, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: RIBOZYME PHARMACEUTICALS, INC.  
; APPLICANT: MCSWIGGEN, JAMES

Matches	14;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	113	CAAGAAACGGGAAGAA	128						
Db	1	CAGGAUACGGGAAGAA	16						

RESULT 955

US-10-156-306-4867/c

; Sequence 4867, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156.306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4867

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4867

Query Match 1.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	197	CAGTTTCCTGGGTTCC	212											
Db	17	CAGTTTCCTGGGCTCC	2											

RESULT 956

US-10-156-306-6865/c

; Sequence 6865, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156.306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6865

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-6865

Query Match 1.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	197	CAGTTTCCTGGGTTCC	212											
Db	16	CAGTTTCCTGGGCTCC	1											

RESULT 957

US-09-736-084-66/c

; Sequence 66, Application US/09736084

; Patent No. US2002107211A1

; GENERAL INFORMATION:

; APPLICANT: THE ROCKEFELLER UNIVERSITY

; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/736,084  
FILING DATE: 13-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. US20020107211A1, September 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-736-084-66

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328  
Db 18 GAAAGAAATGCAGAGA 3

RESULT 958  
US-09-880-732-49/c  
Sequence 49, Application US/09880732  
Patent No. US20020127561A1  
GENERAL INFORMATION:  
APPLICANT: GENICON SCIENCES CORPORATION  
APPLICANT: BEE, Gary  
APPLICANT: KOHNE, David E.  
APPLICANT: KORB, Linda  
APPLICANT: PETERSON, Todd  
APPLICANT: YGUERABIDE, Juan  
TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE  
FILE REFERENCE: 089498/0403  
CURRENT APPLICATION NUMBER: US/09/880,732  
CURRENT FILING DATE: 2001-09-17  
PRIOR APPLICATION NUMBER: US 60/210,988  
PRIOR FILING DATE: 2000-06-12

NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 49  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection  
US-09-880-732-49

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 CACACCCCTGCTCCAGC 414  
Db 16 CACCCACTGCTCCAGC 1

RESULT 959  
US-09-969-373-3446/c  
Sequence 3446, Application US/09969373  
Patent No. US2002013952A1  
GENERAL INFORMATION:  
APPLICANT: Haugert, Roger J.  
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
FILE REFERENCE: 38-10(52679)A US/09/969,373  
CURRENT APPLICATION NUMBER: US/09/969,373  
CURRENT FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: US 09/754,853  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: US 09/760,427  
PRIOR FILING DATE: 2001-01-13  
PRIOR APPLICATION NUMBER: US 09/855,768  
PRIOR FILING DATE: 2001-05-15  
NUMBER OF SEQ ID NOS: 4593  
SEQ ID NO 3446  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Glycine max  
US-09-969-373-3446

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGAAATGGG 1016  
Db 16 GAGGCTGGAGAAATGGG 1

RESULT 960  
US-09-765-061B-60/c  
Sequence 60, Application US/09765061B  
Publication No. US20030022165A1  
GENERAL INFORMATION:  
APPLICANT: Board of Regents of the University of Texas System  
TITLE OF INVENTION: Mutations in a No. US20030022165A1 Photoreceptor-pineal gene  
FILE REFERENCE: 96606/16UTL  
CURRENT APPLICATION NUMBER: US/09/765,061B  
CURRENT FILING DATE: 2001-01-17  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 60  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: exon  
LOCATION: (1)..(18)

OTHER INFORMATION: AIP1 gene exon 1 Primer 5' to 3'  
US-09-765-061B-60

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1007 GGAGATCGGAGGTCT 1022  
DB 18 GGAGAAAGGAGGTCT 3

RESULT 961

US-09-824-322B-174/c  
; Sequence 174, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 174  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-174

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGCTG 138  
DB 18 GAAGATAGGGTGTCTG 3

RESULT 962

US-09-824-322B-175/c  
; Sequence 175, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 175  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic

US-09-824-322B-175

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGCTG 138  
DB 17 GAAGATAGGGTGTCTG 2

RESULT 963

US-09-824-322B-176/c  
; Sequence 176, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 176  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-176

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGCTG 138  
DB 16 GAAGATAGGGTGTCTG 1

RESULT 964

US-09-918-156-47/c  
; Sequence 47, Application US/09918156  
; Publication No. US20030032016A1  
; GENERAL INFORMATION:  
; APPLICANT: Barany, Francis  
; APPLICANT: Lubin, Matthew  
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING  
; FILE REFERENCE: 19603/441  
; CURRENT APPLICATION NUMBER: US/09/918,156  
; CURRENT FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 09/918,156  
; PRIOR FILING DATE: 2001-01-30  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide Sequence  
US-09-918-156-47

Query Match 1.2%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 7.2e+02; Indels 2; Gaps 0;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 297 GTGCGGGCCCTGCATG 312  
 Db 18 GTGCGGGCCCTGCATG 3

RESULT 965  
 US-10-388-263-341  
 ; Sequence 341, Application US/10388263  
 ; Publication No. US20030228597A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cowsert, Lex M.  
 ; APPLICANT: Baker, Brenda F.  
 ; APPLICANT: McNeil, John  
 ; APPLICANT: Freiler, Susan M.  
 ; APPLICANT: Sasnor, Henri M.  
 ; APPLICANT: Brooks, Douglas G.  
 ; APPLICANT: Ohashi, Cara  
 ; APPLICANT: Wyatt, Jacqueline R.  
 ; APPLICANT: Borchers, Alexander  
 ; APPLICANT: Vickers, Timothy A.  
 ; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
 ; MODULATION BY OLIGONUCLEOTIDES AND  
 ; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
 ; FILE REFERENCE: ISIS-4503  
 ; CURRENT APPLICATION NUMBER: US/10/388,263  
 ; CURRENT FILING DATE: 2003-03-12  
 ; NUMBER OF SEQ ID NOS: 947  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 341  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-388-263-341

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGAG 338  
 Db 3 CAGAGAGCTGTGGAG 18

RESULT 966  
 US-10-270-839-125/c  
 ; Sequence 125, Application US/10270839  
 ; Publication No. US20030143586A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chao, Qimin  
 ; APPLICANT: Grasso, Luigi  
 ; APPLICANT: Sass, Philip M.  
 ; APPLICANT: Nicolaides, Nicholas C.  
 ; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis  
 ; FILE REFERENCE: AG0002US (WOR-0133)  
 ; CURRENT APPLICATION NUMBER: US/10/270,839  
 ; CURRENT FILING DATE: 2002-10-11  
 ; PRIOR APPLICATION NUMBER: 60/328,750  
 ; PRIOR FILING DATE: 2001-10-12  
 ; NUMBER OF SEQ ID NOS: 129  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 125  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer  
 US-10-270-839-125

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 872 CAACTCCATTGAGTC 887  
 Db 17 CAACTCCATTGAGTC 2

RESULT 967  
 US-10-440-850-1109/c  
 ; Sequence 1109, Application US/10440850  
 ; Publication No. US20030207837A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: McSwigen, Jim  
 ; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re  
 ; FILE REFERENCE: 250/130 (MBHB00-900-A)  
 ; CURRENT APPLICATION NUMBER: US/10/440,850  
 ; CURRENT FILING DATE: 2003-05-19  
 ; PRIOR APPLICATION NUMBER: US/09/650,012  
 ; PRIOR FILING DATE: 2000-08-28  
 ; PRIOR APPLICATION NUMBER: US 08/585,684  
 ; PRIOR FILING DATE: 1996-01-12  
 ; PRIOR APPLICATION NUMBER: US 60/000,951  
 ; PRIOR FILING DATE: 1995-07-07  
 ; PRIOR APPLICATION NUMBER: US 09/038,073  
 ; PRIOR FILING DATE: 1998-03-11  
 ; NUMBER OF SEQ ID NOS: 2285  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1109  
 ; LENGTH: 18  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; OTHER INFORMATION:  
 US-10-440-850-1109

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAGTGT 785  
 Db 18 ACTGGAGAGAGTGT 3

RESULT 968  
 US-10-100-516-14/c  
 ; Sequence 14, Application US/10100516  
 ; Publication No. US20030098252A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: JAKOBSEN, NANA  
 ; APPLICANT: JAKOBSEN, MOGENS HAVSTEEN  
 ; APPLICANT: KAUPPINEN, SAKARI  
 ; TITLE OF INVENTION: HELPER PROBES FOR DETECTION OF A TARGET SEQUENCE BY A  
 ; FILE REFERENCE: 55808(71994)  
 ; CURRENT APPLICATION NUMBER: US/10/100,516  
 ; CURRENT FILING DATE: 2002-03-18  
 ; PRIOR APPLICATION NUMBER: 60/284,729  
 ; PRIOR FILING DATE: 2001-04-18  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 14  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: oligonucleotide  
 US-10-100-516-14



```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(12)
; OTHER INFORMATION: nucleotide may or may not be present; this sequence may encompe
; OTHER INFORMATION: 11-14 nucleotides according to the specification as filed
US-10-269-031A-123

Query Match      1.1%; Score 12.6; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 19 TACCGCGCTAGGTTC 34
    |||||
Db 17 TACCGCGCGGAGGTGC 2

RESULT 969
US-10-269-031A-122/c
; Sequence 122, Application US/10269031A
; Publication No. US20030175749A1
; GENERAL INFORMATION:
; APPLICANT: JONG-YOON, CHUN
; TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES
; FILE REFERENCE: 64488-012
; CURRENT APPLICATION NUMBER: US/10/269,031A
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 10/014,496
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: PCT/KR01/02133
; PRIOR FILING DATE: 2001-12-08
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; NAME/KEY: modified base
; LOCATION: (14)..(14)
; OTHER INFORMATION: a, t, c or g
US-10-269-031A-122

Query Match      1.1%; Score 12.6; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAATAAAAAAAAA 1095
    :|||||
Db 13 KAAAAAATAAAAAA 1

RESULT 970
US-10-269-031A-123/c
; Sequence 123, Application US/10269031A
; Publication No. US20030175749A1
; GENERAL INFORMATION:
; APPLICANT: JONG-YOON, CHUN
; TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES
; FILE REFERENCE: 64488-012
; CURRENT APPLICATION NUMBER: US/10/269,031A
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 10/014,496
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: PCT/KR01/02133
; PRIOR FILING DATE: 2001-12-08
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; NAME/KEY: modified base
; LOCATION: (14)..(14)
; OTHER INFORMATION: a, t, c or g
```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(12)
; OTHER INFORMATION: nucleotide may or may not be present; this sequence may encompe
; OTHER INFORMATION: 11-14 nucleotides according to the specification as filed
US-10-269-031A-123

Query Match      1.1%; Score 12.6; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAATAAAAAAAAA 1095
    :|||||
Db 13 KAAAAAATAAAAAA 1

RESULT 971
US-09-945-505-6
; Sequence 6, Application US/09945505
; Publication No. US20030165844A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MW-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-6

Query Match      1.1%; Score 12.6; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 6.6e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 124 AAGAAAGGATGTC 136
    |||||
Db 1 AAGAAAGGATGTC 13

RESULT 972
US-09-152-059-116
; Sequence 116, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
```

NUMBER OF SEQ ID NOS: 146  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 116  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 973  
US-09-998-780-12/c  
Sequence 12, Application US/09998780  
Publication No. US20030229211A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
Kenan, Daniel J.  
Tsai, Donald E.  
TITLE OF INVENTION: Nucleic Acid Epitopes and Methods of Making and Using the Same  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and Gibson  
STREET: Post Office Drawer 34009  
CITY: Charlotte  
STATE: No. US20030229211A1th Carolina  
COUNTRY: U.S.A.  
ZIP: 28234

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/998,780  
FILING DATE: 03-Dec-2001  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/944,208  
FILING DATE: 19920911  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405-69  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-881-3140  
TELEFAX: 919-881-3175  
TELEX: 575102  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: rRNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-998-780-12

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 404 CCTGCTCCAGCAGG 417  
Db 14 CCTGCTCCAGCAGG 1

RESULT 974  
US-10-008-029-116  
Sequence 116, Application US/10008029  
Publication No. US20030134808A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/008,029  
CURRENT FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 116  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-008-029-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 975  
US-10-208-650-116  
Sequence 116, Application US/10208650  
Publication No. US20030144231A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/208,650  
CURRENT FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US/10/008,029  
PRIOR FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 116  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAGAAAAA 14

#### RESULT 976

US-09-504-231A-1098/c  
; Sequence 1098, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1998-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1098  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1098

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 452 TGCCTTCAGGAAG 465  
|||||  
Db 15 TGCCTTCAGGAAG 2

#### RESULT 977

US-09-504-231A-1243/c  
; Sequence 1243, Application US/09504231A

; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1243  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1243

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GGAGAGAAGTGTG 786  
|||||  
Db 15 GGAGAGAAGTGTG 2

#### RESULT 978

US-09-274-553D-1098/c  
; Sequence 1098, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1098  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1098

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAG 465  
Db 15 TGCCTTCAGGAG 2

RESULT 979  
US-09-274-553D-1243/c  
; Sequence 1243, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macsjak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1998-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1243  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-1243

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 GGAGAAGAAGTGTG 786  
Db 15 GGAGAAGAAGTGTG 2

RESULT 980  
US-10-056-414-259/c  
; Sequence 259, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; Draper, Kenneth G.  
; McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 259:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 259:  
US-10-056-414-259

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGACT 258  
Db 15 GCTCTTGAAGGACT 2

RESULT 981  
US-10-056-414-260/c  
; Sequence 260, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; Draper, Kenneth G.  
; McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994

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; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 260:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 260:
US-10-056-414-260

Query Match      1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 7.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGACT 258
DB 14 GCTCTTGAAGTCT 1

RESULT 982
US-10-156-306-7797/c
; Sequence 7797, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7797
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7797

Query Match      1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 7.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773
DB 15 AGATGGAGAACTG 2

RESULT 983
US-09-881-012-201/c
; Sequence 201, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Ginns, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881.012
; CURRENT FILING DATE: 2001-06-13

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; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 201
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D6S1677 forward primer
US-09-881-012-201

Query Match      1.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 7.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTTGAA 996
DB 16 CCCAGCCCTTGAA 3

RESULT 984
US-09-866-108-7667
; Sequence 7667, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,455
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7667
; LENGTH: 17

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1 PRIOR FILING DATE: 2000-05-26
2 PRIOR APPLICATION NUMBER: GB 24263.6
3 PRIOR FILING DATE: 2000-10-04
4 PRIOR APPLICATION NUMBER: US 60/236,359
5 PRIOR FILING DATE: 2000-09-27
6 PRIOR APPLICATION NUMBER: PCT/US01/00666
7 PRIOR FILING DATE: 2001-01-30
8 PRIOR APPLICATION NUMBER: PCT/US01/00667
9 PRIOR FILING DATE: 2001-01-30
10 PRIOR APPLICATION NUMBER: PCT/US01/00664
11 PRIOR FILING DATE: 2001-01-30
12 PRIOR APPLICATION NUMBER: PCT/US01/00669
13 PRIOR FILING DATE: 2001-01-30
14 PRIOR APPLICATION NUMBER: PCT/US01/00665
15 PRIOR FILING DATE: 2001-01-30
16 PRIOR APPLICATION NUMBER: PCT/US01/00668
17 PRIOR FILING DATE: 2001-01-30
18 PRIOR APPLICATION NUMBER: PCT/US01/00663
19 PRIOR FILING DATE: 2001-01-30
20 PRIOR APPLICATION NUMBER: PCT/US01/00662
21 PRIOR FILING DATE: 2001-01-30
22 PRIOR APPLICATION NUMBER: PCT/US01/00661
23 PRIOR FILING DATE: 2001-01-30
24 PRIOR APPLICATION NUMBER: PCT/US01/00670
25 PRIOR FILING DATE: 2001-01-30
26 PRIOR APPLICATION NUMBER: US 60/234,687
27 PRIOR FILING DATE: 2000-09-21
28 PRIOR APPLICATION NUMBER: US 60/266,860
29 PRIOR FILING DATE: 2001-02-05
30 NUMBER OF SEQ ID NOS: 15752
31 SOFTWARE: Aecmca Sequence Listing Engine
32 SEQ ID NO 7794
33 LENGTH: 17
34 TYPE: DNA
35 ORGANISM: Homo sapiens
36 US-09-866-108-7794
37
38 Query Match 1.1%; Score 12.4; DB 1; Length 17;
39 Best Local Similarity 92.3%; Pred. No. 8e+02;
40 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
41
42 Qy 825 GGTGCTGAAGCTCG 838
43 Db 15 GCTGCTGAAGCTCG 2
44
45 RESULT 989
46 US-09-866-108-7795/c
47 Sequence 7795, Application US/09866108
48 Patent No. US20020048800A1
49 GENERAL INFORMATION:
50 APPLICANT: GU, Yizhong
51 APPLICANT: JI, Yonggang
52 APPLICANT: PENN, Sharron G.
53 APPLICANT: HANZEL, David K.
54 APPLICANT: RANK, David R.
55 APPLICANT: CHEN, Wensheng
56 APPLICANT: SHANNON, Mark
57 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
58 FILE REFERENCE: AEOMICA-7
59 CURRENT APPLICATION NUMBER: US/09/866,108
60 CURRENT FILING DATE: 2001-05-25
61 PRIOR APPLICATION NUMBER: US 60/207,456
62 PRIOR FILING DATE: 2000-05-26
63 PRIOR APPLICATION NUMBER: GB 24263.6
64 PRIOR FILING DATE: 2000-10-04
65 PRIOR APPLICATION NUMBER: US 60/236,359
66 PRIOR FILING DATE: 2000-09-27
67 PRIOR APPLICATION NUMBER: PCT/US01/00666
68 PRIOR FILING DATE: 2001-01-30
69 PRIOR APPLICATION NUMBER: PCT/US01/00667
70 PRIOR FILING DATE: 2001-01-30
71 PRIOR APPLICATION NUMBER: PCT/US01/00664
72 PRIOR FILING DATE: 2001-01-30
73 PRIOR APPLICATION NUMBER: PCT/US01/00669
74 PRIOR FILING DATE: 2001-01-30
75 PRIOR APPLICATION NUMBER: PCT/US01/00665
76 PRIOR FILING DATE: 2001-01-30
77 PRIOR APPLICATION NUMBER: PCT/US01/00668
78 PRIOR FILING DATE: 2001-01-30
79 PRIOR APPLICATION NUMBER: PCT/US01/00663
80 PRIOR FILING DATE: 2001-01-30
81 PRIOR APPLICATION NUMBER: PCT/US01/00662
82 PRIOR FILING DATE: 2001-01-30
83 PRIOR APPLICATION NUMBER: PCT/US01/00661
84 PRIOR FILING DATE: 2001-01-30
85 PRIOR APPLICATION NUMBER: PCT/US01/00670
86 PRIOR FILING DATE: 2001-01-30
87 PRIOR APPLICATION NUMBER: US 60/234,687
88 PRIOR FILING DATE: 2000-09-21
89 PRIOR APPLICATION NUMBER: US 60/266,860
90 PRIOR FILING DATE: 2001-02-05
91 NUMBER OF SEQ ID NOS: 15752
92 SOFTWARE: Aecmca Sequence Listing Engine
93 SEQ ID NO 7794
94 LENGTH: 17
95 TYPE: DNA
96 ORGANISM: Homo sapiens
97 US-09-866-108-7794

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8103
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8103
Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
QY 797 GCAGGACTGACTGA 810
| | | | | | | | | | | | | | | | |
Db 17 GCAGGACTGACGGA 4
RESULT 991
US-09-866-108-8104/c
; Sequence 8104, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7795
Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
QY 825 GGTGCTGAGCTGG 838
| | | | | | | | | | | | | | | | |
Db 14 GGTGCTGAGCTGG 1
RESULT 990
US-09-866-108-8103/c
; Sequence 8103, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662



SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 8104  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8104

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
Db 16 GCAGGACTGACGGA 3

RESULT 992

US-09-866-108-8105/c  
Sequence 8105, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 8105  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8105

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
Db 15 GCAGGACTGACGGA 2

RESULT 993

US-09-866-108-8106/c  
Sequence 8106, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 8106  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8106

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
Db 14 GCAGGACTGACGGA 1

RESULT 994

US-09-866-108-8385/c  
Sequence 8385, Application US/09866108  
Patent No. US20020048800A1

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8385

Query Match      1.1%  Score 12.4;  DB 1;  Length 17;
Best Local Similarity 92.9%;  Pred. No. 8e+02;
Matches 13;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;

Qy      401  CACCTGCTCCAGC 414
      ||| ||||| |||||
Db      15  CACTCTGCTCCAGC 2

RESULT 995
US-09-866-108-8386/c
; Sequence 8386, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8385

```

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8386
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-03-866-108-8386

Query Match      1.1%  Score 12.4;  DB 1;  Length 17;
Best Local Similarity 92.9%;  Pred. No. 8e+02;
Matches 13;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;

Qy      401  CACCTGCTCCAGC 414
      ||| ||||| |||||
Db      14  CACTCTGCTCCAGC 1

RESULT 996
US-09-866-108-8651/c
; Sequence 8651, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8386
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-03-866-108-8386

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PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 8651  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8651

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 0; Mismatches 0; Indels 1; Gaps 0;  
Matches 13; Conservative 0;

QY 33 TCCTCCAGGTGCAG 46  
DB 17 TCCTCCAGGTGCAG 4

## RESULT 997

US-09-864-785-246/c  
Sequence 246, Application US/09864785  
Patent No. US2002017568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Draper, Ken  
APPLICANT: Stinchcomb, Dan  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 246  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-246

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 0; Mismatches 0; Indels 1; Gaps 0;  
Matches 13; Conservative 0;

QY 245 GCTCTTGAAGGACT 258  
DB 14 GCTCTTGAAGGACT 1

## RESULT 998

US-09-825-805-376  
Sequence 376, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
FILE REFERENCE: MBH00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1558  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 376  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-805-376

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02; 2; Mismatches 1; Indels 0; Gaps 0;  
Matches 11; Conservative 2;

QY 423 CGGCTGCCCCCTGC 436  
DB 4 CGCUGCCCCCUGC 17

## RESULT 999

US-09-825-805-467/c  
Sequence 467, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
FILE REFERENCE: MBH00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 467  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-467

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGTC 156  
|||||  
Db 17 GGGGGCTGCAGTC 4

RESULT 1000  
US-09-825-805-502/c  
; Sequence 502, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 502  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-502

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGTG 684  
|||||  
Db 17 GCAGCTCACAGTG 4

RESULT 1001  
US-09-825-805-625/c  
; Sequence 625, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 625  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-625

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 77 ATGCACTGTGGT 90  
|||||  
Db 15 ATGCACTGTGGT 2

RESULT 1002  
US-09-825-805-627/c  
; Sequence 627, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 627  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-627  
Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 670 TGAAGCTCACAGAT 683  
Db 14 TGCAGCTCACAGAT 1  
RESULT 1003  
US-09-825-805-666/c  
; Sequence 666, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 674  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-674  
Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 6 AGCCACAGCCAGCT 19  
Db 17 AGCCCCAGCCAGCT 4  
RESULT 1005  
US-09-818-875-2218  
; Sequence 2218, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Knieec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2218  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2218  
Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 568 GATCCTCGTGCCT 581  
Db 3 GATCCTCGTGCCT 16

NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 108:  
US-09-784-674-108

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 133 TGCTGCTTTGGG 146  
Db 4 TGCTGCTTTGGG 17

RESULT 1008  
US-09-780-533A-420/c  
Sequence 420, Application US/09780533A  
Publication No. US20030060611A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
APPLICANT: Chowrira, Bharat  
APPLICANT: Haerberli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MBH00, 878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780, 533A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 6679  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 420  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-420

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 793 AACTGCAGTACTGA 806  
Db 17 AACTGCAGTACTGA 4

RESULT 1009  
US-09-780-533A-2482  
Sequence 2482, Application US/09780533A  
Publication No. US20030060611A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
APPLICANT: Chowrira, Bharat  
APPLICANT: Haerberli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MBH00, 878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780, 533A

RESULT 1006  
US-09-818-875-2219/c  
Sequence 2219, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Gampier, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
TITLE OF INVENTION: Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818, 875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 2219  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-818-875-2219

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 568 GATCTCGTGCCT 581  
Db 15 GATCTCGTGCCT 2

RESULT 1007  
US-09-784-674-108  
Sequence 108, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2050  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784, 674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:

; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2482  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-2482  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1008 GAGATGGGAGTG 1021  
DB 3 GAGAUUGGAGAG 16  
  
RESULT 1010  
US-09-877-478-916/c  
; Sequence 916, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 916  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-916  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 936 TTTGTTTATGAG 949  
DB 17 TTTGTTTGTGAG 4  
  
RESULT 1011  
US-09-877-478-1919/c  
; Sequence 1919, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1919  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-1919  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 936 TTTGTTTATGAG 949  
DB 14 TTTGTTTGTGAG 1  
  
RESULT 1012  
US-09-848-754A-415/c  
; Sequence 415, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relating to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 415  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-415  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 813 CCTGTACTGTGGG 826  
DB 14 CCTGTAGTGTGGG 1  
  
RESULT 1013  
US-09-776-474-472  
; Sequence 472, Application US/09776474  
; Publication No. US20030087847A1

; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MBH00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 472  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-472

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTGGAA 996  
|:|||||:|  
Db 2 CUCACCCUUGGAA 15

RESULT 1014  
US-09-776-474-473  
; Sequence 473, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MBH00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 473  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-473

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTGGAA 996  
|:|||||:|  
Db 1 CUCACCCUUGGAA 14

RESULT 1015  
US-09-740-332-1783  
; Sequence 1783, Application US/09740332

; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1783  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1783

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCATAGCCA 717  
|:|||||:|  
Db 2 GGUGCCCAUUGCCA 15

RESULT 1016  
US-09-740-332-2772/c  
; Sequence 2772, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2772  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2772

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCATAGCCA 717  
|:|||||:|  
Db 17 GGUGCCCAUUGCCA 4

RESULT 1017  
US-10-307-005-1559  
; Sequence 1559, Application US/10307005  
; Publication No. US20030236208A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Delaware  
; APPLICANT: Eric B. Kmiec  
; APPLICANT: Howard B. Gamper  
; APPLICANT: Michael C. Rice  
; APPLICANT: Jungsup Kim  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants  
; USING Modified Single Stranded Oligonucleotides



; FILE REFERENCE: Napro/009 PCT  
; CURRENT APPLICATION NUMBER: US/10/307,005  
; CURRENT FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: PCT/US01/17672  
; PRIOR FILING DATE: 2001-06-01  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,999  
; PRIOR FILING DATE: 2000-10-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; NUMBER OF SEQ ID NOS: 2717  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 1559  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Cicer arietinum  
US-10-307-005-1559

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 GAGGTAAGCAACT 1080  
DB 3 GAGGTAAGCAACT 16

RESULT 1018  
US-10-307-005-1560/c  
; Sequence 1560, Application US/10307005  
; Publication No. US20030236208A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Delaware  
; APPLICANT: Eric B. Kniec  
; APPLICANT: Howard B. Gamber  
; APPLICANT: Michael C. Rice  
; APPLICANT: Jungsup Kim  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants  
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides  
; FILE REFERENCE: Napro/009 PCT  
; CURRENT APPLICATION NUMBER: US/10/307,005  
; CURRENT FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: PCT/US01/17672  
; PRIOR FILING DATE: 2001-06-01  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,999  
; PRIOR FILING DATE: 2000-10-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; NUMBER OF SEQ ID NOS: 2717  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 1560  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Cicer arietinum  
US-10-307-005-1560

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 GAGGTAAGCAACT 1080  
DB 15 GAGGTAAGCAACT 2

RESULT 1019  
US-09-792-818-366  
; Sequence 366, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins  
; FILE REFERENCE: MBH00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 366  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-366

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCACGAGCCACAGC 14  
DB 4 GCACGAGCCACAGC 17

RESULT 1020  
US-09-792-818-368  
; Sequence 368, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins  
; FILE REFERENCE: MBH00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 368  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-368

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CACGAGCCACAGCC 15  
DB 1 CACGAGCCACAGCC 14

RESULT 1021  
US-10-238-700-389/c  
; Sequence 389, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840

; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 389  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-389

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1028 GGGCTGGCTTCA 1041  
Db 17 GGGCTGGCTTCA 4

RESULT 1022  
US-10-238-700-395  
; Sequence 395, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 395  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-395

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 8e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1035 GCTTCATAGTGAG 1048  
Db 3 GCUUCAUAGAGAG 16

RESULT 1023  
US-10-238-700-2702/c  
; Sequence 2702, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2702  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-238-700-2702

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 722 TCAGGAGCTGCGGT 735  
Db 16 TCAGGAGCGCGGT 3

RESULT 1024  
US-10-238-700-3400  
; Sequence 3400, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3400  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3400

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 6 AGCCACAGCCAGCT 19  
Db 1 AGCCACAGACAGCU 14

RESULT 1025  
US-10-339-782-248  
; Sequence 248, Application US/10339782  
; Publication No. US20030186026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lytx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 248  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-248

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 726 GAGCTGCGGTACAG 739  
Db 1 GATCTGCGGTACAG 14

RESULT 1026

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US-10-339-782-467/c
; Sequence 467, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J.
; APPLICANT: Bowen, Benjamin A.
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 467
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-467

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 769 AACTGGAGAAGAG 782
Db 17 AACTGGAGAAGAG 4

RESULT 1027
US-09-817-879-1783
; Sequence 1783, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1783

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCCATAGCCA 717
Db 2 GGUGCCCAUUGCCA 15

RESULT 1028
US-09-817-879-2772/c
; Sequence 2772, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2772

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 704 GGTGCCCCATAGCCA 717
Db 17 GGTGCCCATAGCCA 4

RESULT 1029
US-10-339-793-142
; Sequence 142, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-142

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 685 GATCTGCACACCGC 698
Db 1 GATCTGCCACCGC 14

RESULT 1030
US-10-338-777-382/c
; Sequence 382, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Haudenschild, Christian D.
; APPLICANT: Buckler, Edward S.
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-382

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;
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QY 114 AAGAAACGGGAGA 127  
| | | | | | | | | |  
Db 16 AAGAAAGGGAAGA 3

## RESULT 1031

US-10-209-787-2218  
; Sequence 2218, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2218  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2218

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e-02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 568 GATCCTCGTGCCT 581  
| | | | | | | | | |  
Db 3 GATCCTCGTGCCT 16

## RESULT 1032

US-10-209-787-2219/c  
; Sequence 2219, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2219  
; LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2219  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e-02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 568 GATCCTCGTGCCT 581  
| | | | | | | | | |  
Db 15 GATCCTCGTGCCT 2

## RESULT 1033

US-10-041-856-35/c  
; Sequence 35, Application US/10041856  
; Publication No. US20020169299A1  
; GENERAL INFORMATION:  
; APPLICANT: SLAUGENHAUPT, SUSAN  
; APPLICANT: GUSELLA, JAMES F.  
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL  
; TITLE OF INVENTION: DYSAUTONOMIA  
; FILE REFERENCE: 1829-4004US1  
; CURRENT APPLICATION NUMBER: US/10/041,856  
; CURRENT FILING DATE: 2002-07-08  
; PRIOR APPLICATION NUMBER: 60/260,080  
; PRIOR FILING DATE: 2001-01-06  
; NUMBER OF SEQ ID NOS: 88  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 35  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Mus sp.  
US-10-041-856-35

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e-02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAA 1095  
| | | | | | | | | |  
Db 14 TGAATAAAAAAAAAA 1

## RESULT 1034

US-10-060-830-740/c  
; Sequence 740, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Nguyen, Cung-Tuong  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN LCL DOWAN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Aecmica Sequence Listing Engine

[illegible]

```
RESULT 1038
US-10-060-895A-113/c
; Sequence 113, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 113
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-113

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCAGCTACCGCG 25
DB 17 AGCCGGCTACCGCG 4

RESULT 1039
US-10-060-895A-114/c
; Sequence 114, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-114

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCAGCTACCGCG 25
DB 17 AGCCGGCTACCGCG 4
```

```
RESULT 1040
US-10-060-895A-115/c
; Sequence 115, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 1
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-115

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCAGCTACCGCG 25
DB 16 AGCCGGCTACCGCG 3

RESULT 1041
US-10-060-895A-116/c
; Sequence 116, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 1
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-116

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCAGCTACCGCG 25
DB 15 AGCCGGCTACCGCG 2
```

```

RESULT 1041
US-10-060-895A-116/c
; Sequence 116, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-08-10
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-116

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12  AGCCGACTACCCGG 25
Db      14  AGCCGCTACCCGG 1

RESULT 1042
US-10-163-552-219/c
; Sequence 219, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 219
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-219

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      670  TGAAGCTCACAGAT 683
Db      14  TGCAGCTCACAGAT 1

RESULT 1045
US-10-163-552-263
; Sequence 263, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 219
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-219

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      77  ATGCAACTGTGGTT 90
Db      15  ATGCCACTGTGGTT 2

RESULT 1043
US-10-163-552-222/c
; Sequence 222, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 222
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-222

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      671  GAAGCTCACAGATG 684
Db      17  GCAGCTCACAGATG 4

RESULT 1044
US-10-163-552-223/c
; Sequence 223, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 223
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-223

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      670  TGAAGCTCACAGAT 683
Db      14  TGCAGCTCACAGAT 1

RESULT 1045
US-10-163-552-263
; Sequence 263, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 219
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-219

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-263

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 11; Conservative 2; Mismatches 1;

QY 423 CGGCTGCCCTCCGCGC 436
Db 4 CGUCUGCCCCCUGC 17

RESULT 1046
US-10-163-552-333/c
; Sequence 333, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-333

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1;

QY 413 GCAGGCTCTCCGCGC 426
Db 17 GCAGGCTGTCCGCGC 4

RESULT 1047
US-10-163-552-334/c
; Sequence 334, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 334
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-334

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1;

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QY 413 GCAGGCTCTCCGCGC 426
Db 14 GCAGGCTGTCCGCGC 1

RESULT 1048
US-10-163-552-358/c
; Sequence 358, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 358
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-358

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1;

QY 6 AGCCACAGCCAGCT 19
Db 17 AGCCCCAGCCAGCT 4

RESULT 1049
US-10-163-552-423/c
; Sequence 423, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 423
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-423

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1;

QY 476 ACTTGGCATTCTC 489
Db 17 ACTCGGCATTCTC 4

RESULT 1050
US-10-163-552-828/c
; Sequence 828, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-828

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FILE REFERENCE: MBHB01-1653-A (400/014)  
CURRENT APPLICATION NUMBER: US/10/163,552  
CURRENT FILING DATE: 2002-06-06  
NUMBER OF SEQ ID NOS: 1997  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 828  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-163-552-828

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTC 156  
DB 17 GGGGGCTGCAGTCTC 4

RESULT 1051  
US-10-156-306-26  
Sequence 26, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 26  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-26

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1031 CCTGGCTTCATAG 1044  
DB 2 CCUGGCUCAUAG 15

RESULT 1052  
US-10-156-306-79/c  
Sequence 79, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 79  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-79

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 17 AGATGGGAAGAACTG 4

RESULT 1053  
US-10-156-306-80/c  
Sequence 80, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 80  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-80

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 15 AGATGGGAAGAACTG 2

RESULT 1054  
US-10-156-306-81/c  
Sequence 81, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 81  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-81

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 14 AGATGGGAAGAACTG 1

RESULT 1055  
US-10-156-306-546/c  
Sequence 546, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBHB01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 546  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-546  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1000 TGAGGCTGGAGAAAT 1013  
|||||  
Db 17 TGAGGCAGGAGAAAT 4  
  
RESULT 1056  
US-10-156-306-1274  
; Sequence 1274, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1274  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1274  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;  
  
QY 151 CAGCTCCATCACTTG 164  
|||||  
Db 2 CAGCUCACACACUTG 15  
  
RESULT 1057  
US-10-156-306-1299  
; Sequence 1299, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1299  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1299  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1031 CTTGGCTTTCATAG 1044

Db 3 CCUGGCUAUCAUAG 16  
  
RESULT 1058  
US-10-156-306-1331/c  
; Sequence 1331, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1331  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1331  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 760 AGATGGCAGAACTG 773  
|||||  
Db 16 AGATGGAGAGACTG 3  
  
RESULT 1059  
US-10-156-306-3745  
; Sequence 3745, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3745  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3745  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1083 TAAAAAATAAAAAA 1096  
|||||  
Db 2 UAAAAAGAAAAA 15  
  
RESULT 1060  
US-10-156-306-4410  
; Sequence 4410, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306

Db 2 AGCAGGCUCUGCGG 15

RESULT 1063

US-10-156-306-4967

; Sequence 4967, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4967

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4967

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 3 CAGCUCCAGCAGGC 16

RESULT 1064

US-10-156-306-4968

; Sequence 4968, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4968

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4968

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 2 CAGCUCCAGCAGGC 15

RESULT 1065

US-10-156-306-5818

; Sequence 5818, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4410

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4410

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 412 AGCAGGCTCTCCGG 425

Db 1 AGCAGGCUCUGCGG 14

RESULT 1061

US-10-156-306-4432

; Sequence 4432, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4432

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4432

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 4 CAGCUCCAGCAGGC 17

RESULT 1062

US-10-156-306-4876

; Sequence 4876, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4876

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4876

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.8%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 412 AGCAGGCTCTCCGG 425

NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5818  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-5818

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 412 AGCAGGCTCCGG 425  
DB 4 AGCAGGCTCCGG 17

RESULT 1066  
US-10-156-306-5898  
Sequence 5898, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5898  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-5898

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418  
DB 1 CAGCUCAGCAGGC 14

RESULT 1067  
US-10-015-593-1/c  
Sequence 1, Application US/10015593  
Publication No. US20020090636A1  
GENERAL INFORMATION:  
APPLICANT: Koziar, Darleif  
APPLICANT: Reuter, Birgit  
TITLE OF INVENTION: Two-color differential display as a method for  
TITLE OF INVENTION: detecting regulated genes  
FILE REFERENCE: 2481-1635  
CURRENT APPLICATION NUMBER: US/10/015,593  
CURRENT FILING DATE: 2001-12-17  
PRIOR APPLICATION NUMBER: 09/390,324  
PRIOR FILING DATE: 2001-05-21  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: PatentIn ver. 2.1  
SEQ ID NO 1  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: exon  
LOCATION: (1)..(14)  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"  
US-10-015-593-1

Query Match 1.1%; Score 12.2; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 7.2e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1095  
DB 13 BAAAAAATAAAAA 1

RESULT 1068  
US-10-160-865-10/c  
Sequence 10, Application US/10160865  
Publication No. US20020169139A1  
GENERAL INFORMATION:  
APPLICANT: Lee, Mu-En  
APPLICANT: Hsieh, Chung-Ming  
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC  
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF  
FILE REFERENCE: 05433/038001  
CURRENT APPLICATION NUMBER: US/10/160,865  
CURRENT FILING DATE: 2002-06-03  
PRIOR APPLICATION NUMBER: US/09/134,250  
PRIOR FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: US 08/795,868  
PRIOR FILING DATE: 1997-02-06  
PRIOR APPLICATION NUMBER: US 08/494,577  
PRIOR FILING DATE: 1995-06-22  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetic poly T anchoring primer  
US-10-160-865-10

Query Match 1.1%; Score 12.2; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 7.2e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1095  
DB 13 BAAAAAATAAAAA 1

RESULT 1069  
US-09-866-108-176  
Sequence 176, Application US/09866108  
Patent No. US2002004800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEWICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664

;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; SEQ ID NO 176  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-176

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 613 TGGCCATCTCAACGAC 629  
Db 1 TGGCCATCTCAACGAC 17

RESULT 1070  
US-09-866-108-199  
;; Sequence 199, Application US/09966108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
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;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; SEQ ID NO 199  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-199

QY 820 CTGTGGGTGCTGAAGCT 836  
Db 1 CTGTGGGAGCAGAGAT 17

RESULT 1071  
US-09-866-108-212/c  
;; Sequence 212, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
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;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
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;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 212  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-212

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 GCCTCTTCGACTCT 551  
DB 17 GTCCTCTCCGAATCT 1

RESULT 1072

US-09-866-108-559  
Sequence 559, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 559  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-559

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTACAG 739  
DB 1 CAGGAGCTGGGCTCCAG 17

RESULT 1073

US-09-866-108-560  
Sequence 560, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
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PRIOR APPLICATION NUMBER: PCT/US01/00668  
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PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 560  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-560

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTGCGGTACAGT 740  
DB 1 AGGAGCTGGGCTCCAGT 17

RESULT 1074

US-09-866-108-561  
Sequence 561, Application US/09866108  
Patent No. US20020048800A1

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-561

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 725 GGAGCTGGGTACAGTG 741
Db 1 GGAGCTGGGTACAGTG 17
|||||

RESULT 1075
US-09-866-108-1387
; Sequence 1387, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
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; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1387
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1387

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTCAGAG 681
Db 1 GCAGCTGAAGCTCAGAG 17
|||||

RESULT 1076
US-09-866-108-2231/c
; Sequence 2231, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
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/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2231
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-2231
```

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Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCACCTGAGGCTCTGC 891
Db 17 CTCACCTGAGACCTCTG 1
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RESULT 1077
US-09-866-108-2232
/ Sequence 2232, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
```

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/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2232
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-2232
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```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTTAATTGGAGA 505
Db 1 CAGGCTCTCAGTGGAGA 17

RESULT 1078
US-09-866-108-2245/c
/ Sequence 2245, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
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Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 20 ACCGCGCTAGGTTCTCT 36  
Db 17 ACCGCGCAAGGCTGCT 1

RESULT 1080

US-09-866-108-6541/c  
; Sequence 6541, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 6541  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-6541

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 426 CTGCCCCCTGCTAGTCT 442  
Db 17 CTGCCCCAGGCTGCTCT 1

RESULT 1081

; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 2245  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-2245

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 85 GTGGTTAGGACCTTCTC 101  
Db 17 GTGGCTCGGATCTTCTC 1

RESULT 1079

US-09-866-108-6365/c  
; Sequence 6365, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 6365  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-6365

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US-09-866-108-6619
; Sequence 6619, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 6619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6619

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps

QY      413 GCAGGCTCTCCGCTGC 429
DB      1 GGAGGCTCTCGCTGTC 17

RESULT 1082
US-09-866-108-6710/c
; Sequence 6710, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

```

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, PRIOR FILING DATE: 2000-09-27
, PRIOR APPLICATION NUMBER: PCT/US01/006666
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006662
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006661
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/006670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,687
, PRIOR FILING DATE: 2000-09-21
, PRIOR APPLICATION NUMBER: US 60/266,860
, PRIOR FILING DATE: 2001-02-05
, NUMBER OF SEQ ID NOS: 15752
, SOFTWARE: Acemica Sequence Listing Engine
, SEQ ID NO 7379
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-09-866-108-7379

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Query Match	1.1%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 8.6e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels

Qy 249 TTGAAGGACTTAGACAG 265  
Db 1 TTGAATGACTTGGAAAG 17

## RESULT 1084

RESULT 1084  
US-09-866-108-7380  
Sequence 7380, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEONICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/006656  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006654  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006659  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665

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, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00662
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00661
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,687
, PRIOR FILING DATE: 2000-09-21
, PRIOR APPLICATION NUMBER: US 60/266,860
, PRIOR FILING DATE: 2001-02-05
, NUMBER OF SEQ ID NOS: 15752
, SOFTWARE: Aecomica Sequence Listing Engine
, SEQ ID NO 7380
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-09-866-108-7380

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Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels

Qy 250 TGAAGGACTTAGACAGG 266  
||| ||| ||| ||| |||  
Db 1 TGAATGACTTGGAAAGG 17

RESULT 1085

US-09-866-108-7684  
; Sequence 7684, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:

1	APPLICANT:	GU, Yizhong
2	APPLICANT:	JU, Yonggang
3	APPLICANT:	PENZ, Shaotong
4	APPLICANT:	HANZEL, David K.
5	APPLICANT:	RANK, David R.
6	APPLICANT:	CHEN, Wensheng
7	APPLICANT:	SHANNON, Mark
8	TITLE OF INVENTION:	MYOSIN-L
9	FILE REFERENCE:	ABOMICA-7
10	CURRENT APPLICATION NUMBER:	2001-0
11	CURRENT FILING DATE:	2001-0
12	PRIOR APPLICATION NUMBER:	US
13	PRIOR FILING DATE:	2000-05-2
14	PRIOR APPLICATION NUMBER:	GB
15	PRIOR FILING DATE:	2000-10-0
16	PRIOR APPLICATION NUMBER:	US
17	PRIOR FILING DATE:	2000-09-2
18	PRIOR APPLICATION NUMBER:	PC
19	PRIOR FILING DATE:	2001-01-3
20	PRIOR APPLICATION NUMBER:	PC
21	PRIOR FILING DATE:	2001-01-3
22	PRIOR APPLICATION NUMBER:	PC
23	PRIOR FILING DATE:	2001-01-3
24	PRIOR APPLICATION NUMBER:	PC
25	PRIOR FILING DATE:	2001-01-3
26	PRIOR APPLICATION NUMBER:	PC
27	PRIOR FILING DATE:	2001-01-3
28	PRIOR APPLICATION NUMBER:	PC
29	PRIOR FILING DATE:	2001-01-3
30	PRIOR APPLICATION NUMBER:	PC
31	PRIOR FILING DATE:	2001-01-3
32	PRIOR APPLICATION NUMBER:	PC
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44	PRIOR APPLICATION NUMBER:	PC
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46	PRIOR APPLICATION NUMBER:	PC
47	PRIOR FILING DATE:	2001-01-3
48	PRIOR APPLICATION NUMBER:	PC
49	PRIOR FILING DATE:	2001-01-3
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54	PRIOR APPLICATION NUMBER:	PC
55	PRIOR FILING DATE:	2001-01-3
56	PRIOR APPLICATION NUMBER:	PC
57	PRIOR FILING DATE:	2001-01-3
58	PRIOR APPLICATION NUMBER:	PC
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60	PRIOR APPLICATION NUMBER:	PC
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63	PRIOR FILING DATE:	2001-01-3
64	PRIOR APPLICATION NUMBER:	PC
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66	PRIOR APPLICATION NUMBER:	PC
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72	PRIOR APPLICATION NUMBER:	PC
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94	PRIOR APPLICATION NUMBER:	PC
95	PRIOR FILING DATE:	2001-01-3
96	PRIOR APPLICATION NUMBER:	PC
97	PRIOR FILING DATE:	2001-01-3
98	PRIOR APPLICATION NUMBER:	PC
99	PRIOR FILING DATE:	2001-01-3
100	PRIOR APPLICATION NUMBER:	PC

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 7684
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7684

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 GGAGAGAGAGTGTGAGC 789
Db 1 GCAGAGAGAGTTTGACC 17

```

```

RESULT 1086
US-09-866-108-8240
/ Sequence 8240, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 8240
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-8240

```

```

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGATCTGCAC 693
Db 17 CCCAGAGAGCTGCAC 1

```

```

RESULT 1087
US-09-866-108-8309/c
/ Sequence 8309, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 8309
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-8309

```

```

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGATCTGCAC 693
Db 17 CCCAGAGAGCTGCAC 1

```

## RESULT 1088

US-09-866-108-8377/c  
; Sequence 8377, Application US/09866108  
; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,887

; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 8377

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-8377

Query Match 1.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 8.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 407 GCTCCAGCGAGGCTCC 423

DB 17 GCTCCAGCTGGCTGTC 1

## RESULT 1089

US-09-866-108-8493/c

; Sequence 8493, Application US/09866108

; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

## RESULT 1090

US-09-866-108-8656/c

; Sequence 8656, Application US/09866108

; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 8493

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-8493

Query Match 1.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 8.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCGAGGCTCT 421

DB 17 CTCATCCACCAGGCTCT 1

; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8656  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8656

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 28 TAGGTTCTCTCCAGGTGC 44  
Db 17 TGGCTTCTCTCCAGGTGC 1

RESULT 1091  
US-09-866-108-8809  
; Sequence 8809, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8809  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8809

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 GTTCTCTCCAGGTGCAGA 47  
Db 1 GTTCCAGAGGTGCAGA 17

RESULT 1092  
US-09-866-108-8950  
; Sequence 8950, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8950

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; SEQ ID NO 8996
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8996

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCTGTC 436
Db 17 CGCGGCTGCCCTGTC 1

RESULT 1094
US-09-866-108-9035
; Sequence 9035, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9035
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9035

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 367  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-367

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 TCTCGCTGCTCAGGT 586  
|||||  
Db 17 TCTCGCTACCTGAAGT 1

RESULT 1098

US-09-827-998-466  
; Sequence 466, Application US/09827998  
; Patent No. US20020102252A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 466  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-466

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTGTG 786  
|||||  
Db 1 ACTGAGAGAGAGGGG 17

RESULT 1099

US-09-872-462-178  
; Sequence 178, Application US/09872462  
; Patent No. US20020169295A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN NEDD1  
; FILE REFERENCE: ACOMICA-9  
; CURRENT APPLICATION NUMBER: US/09/872,462  
; CURRENT FILING DATE: 2001-06-01  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; NUMBER OF SEQ ID NOS: 473  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 178  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-872-462-178

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 510 GCCAGTTTGCCATTGG 526  
|||||  
Db 1 GCCACTTTGGCTATTGG 17

RESULT 1100

US-09-864-785-145  
; Sequence 145, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: 400/022 (MEH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 145  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-145

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 418 CTCCTCGGCTGCCCT 434  
|:|:|:|:|:|:|:  
Db 1 CCCUGCGCGCGCGCU 17

RESULT 1101

US-09-864-785-222  
; Sequence 222, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: 400/022 (MEH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23

; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 222
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-222

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 655 GTGTTCTCATGCAGCTG 671
Db 1 GUGUCCUACGACGUG 17

RESULT 1102
US-09-864-785-244/c
; Sequence 244, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 244
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-244

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 246 CTCCTGAGGACTTACA 262
Db 17 CTCCTGAGGCTCTCATA 1

RESULT 1103
US-09-864-785-431
; Sequence 431, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 431
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-431

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-431

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTCAGAGCTGC 732
Db 1 CGAGUUUUCACGACGUC 17

RESULT 1104
US-09-864-785-586/c
; Sequence 586, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 586
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-586

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 AGGCTGGAGATGGAA 1018
Db 17 AAGCTGGAGATGGGA 1

RESULT 1105
US-09-864-785-588/c
; Sequence 588, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 588
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-588

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; Sequence 1605, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION.

RESULT 1106

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; APPLICANT: Draper, Ken
; APPLICANT: McSwiggan, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1605
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1605

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Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 8.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

US-09-825-805-331/C  
; Sequence 331, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION.

RESULT 1109  
US-09-825-805-331/c  
; Sequence 331, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo  
; FILE REFERENCE: MBHQ00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825.805

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; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 331
; LENGTH: 17

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TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-805-331

RESULT 1108

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Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14: Conservative 0; Mismatches 3; Indels
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QY 143 GGGGCTGCAGTCCAT 159  
Db 17 GGGAGCGGAGTTCAT 1

RESULT 1110  
US-09-825-805-604  
; Sequence 604, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 604  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-604

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCAGCT 155  
Db 1 CUGCGGAGCUGCAGCU 17

RESULT 1111  
US-09-825-805-683  
; Sequence 683, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370  
Db 1 GCCAACCGCCAGAGGA 17

RESULT 1112  
US-09-825-805-683  
; Sequence 176, Application US/09961077  
; Publication No. US20030014775A1  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; Edington, Brent E.  
; McSwiggen, James A.  
; Merlo, Patricia Ann Owens  
; Guo, Lining  
; Skokut, Thomas A.  
; Young, Scott A.  
; Folkerts, Otto  
; Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; MODULATION OF GENE EXPRESSION  
; IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2086  
; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/961,077  
; FILING DATE: 21-Sep-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/679,645  
; FILING DATE: July 12, 1996  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247

QY 143 GGGGCTGCAGTCCAT 159  
Db 17 GGGAGCGGAGTTCAT 1

RESULT 1110  
US-09-825-805-604  
; Sequence 604, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 604  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-604

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCAGCT 155  
Db 1 CUGCGGAGCUGCAGCU 17

RESULT 1111  
US-09-825-805-683  
; Sequence 683, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370  
Db 1 GCCAACCGCCAGAGGA 17

RESULT 1112  
US-09-825-805-683  
; Sequence 176, Application US/09961077  
; Publication No. US20030014775A1  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; Edington, Brent E.  
; McSwiggen, James A.  
; Merlo, Patricia Ann Owens  
; Guo, Lining  
; Skokut, Thomas A.  
; Young, Scott A.  
; Folkerts, Otto  
; Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; MODULATION OF GENE EXPRESSION  
; IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2086  
; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/961,077  
; FILING DATE: 21-Sep-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/679,645  
; FILING DATE: July 12, 1996  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 176:
US-09-961-077-176      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      563 GCAGGATCTCGCTGC 579
Db      1 GCCGGGAUCCUGAGGC 17

RESULT 1113
US-09-961-077-666
; Sequence 666, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 176:
US-09-961-077-666      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      412 AGCAGGCTCTCGGCTG 428
Db      1 AGCAGGCTCTCGGCTG 17

RESULT 1114
US-09-961-077-881/c
; Sequence 881, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 881:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 881:
US-09-961-077-881

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1099
DB 17 TACAAAAATAAAAAA 1

RESULT 1115
US-09-961-077-884/C
; Sequence 884, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 884:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 884:
US-09-961-077-884

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1100
DB 17 AAAATACAAATAAAAA 1

RESULT 1116
US-09-961-077-885/C
; Sequence 885, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 885:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 885:
US-09-961-077-885

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 TCGAGAGAGAGTGTGAG 788  
 |||||  
 Db 17 TGAAGAGAGAGGCTGAG 1

RESULT 1119  
 US-09-818-875-3158  
 ; Sequence 3158, Application US/09818875  
 ; Publication No. US20030051270A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kniec, Eric B.  
 ; APPLICANT: Gamper, Howard B.  
 ; APPLICANT: Rice, Michael C.  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
 ; TITLE OF INVENTION: Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro-4  
 ; CURRENT APPLICATION NUMBER: US/09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,176  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,179  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; NUMBER OF SEQ ID NOS: 4385  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 3158  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-818-875-3158

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 TCGAGAGAGAGTGTGAG 788  
 |||||  
 Db 1 TGAAGAGAGAGGCTGAG 17

RESULT 1120  
 US-09-818-875-3159/c  
 ; Sequence 3159, Application US/09818875  
 ; Publication No. US20030051270A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kniec, Eric B.  
 ; APPLICANT: Gamper, Howard B.  
 ; APPLICANT: Rice, Michael C.  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
 ; TITLE OF INVENTION: Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro-4  
 ; CURRENT APPLICATION NUMBER: US/09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,176  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,179  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; NUMBER OF SEQ ID NOS: 4385  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 3159  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-818-875-3159

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 TCGAGAGAGAGTGTGAG 788  
 |||||  
 Db 1 TGAAGAGAGAGGCTGAG 17

RESULT 1118  
 US-09-818-875-3159/c  
 ; Sequence 3159, Application US/09818875  
 ; Publication No. US20030051270A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kniec, Eric B.  
 ; APPLICANT: Gamper, Howard B.  
 ; APPLICANT: Rice, Michael C.  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
 ; TITLE OF INVENTION: Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro-4  
 ; CURRENT APPLICATION NUMBER: US/09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,176  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,179  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; NUMBER OF SEQ ID NOS: 4385  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 3159  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-818-875-3159

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RESULT 1121
US-09-780-533A-1169/c
; Sequence 1169, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1169

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      765 GCAGAACTGGAAGAA 781
DB      17 GCAGAACTGGAAGGA 1

RESULT 1122
US-09-780-533A-1623
; Sequence 1623, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1623
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1623

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1013 TGGGAAGTGTAAGCTGG 1029
DB      1 UGGGAAGUGAAGAAG 17

RESULT 1123
US-09-780-533A-2172
; Sequence 2172, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2172

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAA 1100
DB      1 AAAAAAAAAUAGAAGAA 17

RESULT 1124
US-09-780-533A-2580/c
; Sequence 2580, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2580

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      33 TCCTCCAGGTGCAGAGG 49
DB      17 TCCTCCATCTGCAAGG 1

RESULT 1125
US-09-877-478-1079/c
; Sequence 1079, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
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; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1079  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-1079

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GGTCTGCGATGTGAGAA 900  
 |||||  
 DB 17 GGTCTGCGATGTGAGAA 1

RESULT 1126  
 US-09-877-478-2109/c  
 ; Sequence 2109, Application US/09877478  
 ; Publication No. US20030068301A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: Blatt, Larry  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Morrissey, Dave  
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
 ; FILE REFERENCE: MHB00-845-H (400/029)  
 ; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2109  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-2109

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 GTTGGCATTTCGGAGT 530  
 |||||  
 DB 17 GTTGGCATTTCGGAGT 1

RESULT 1127  
 US-09-848-754A-293  
 ; Sequence 293, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MHB00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 293  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-293

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCGGCTGCC 430  
 |||||  
 DB 1 CAGGCTCTCGGCTGCC 17

RESULT 1128  
 US-09-848-754A-360  
 ; Sequence 360, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MHB00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 360  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-360

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCACCTGTCA 365  
 |||||  
 DB 1 CCAGCGCCACCTGTCA 17

RESULT 1129  
 US-09-848-754A-645/c  
 ; Sequence 645, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MHB00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 645  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-645/c

FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 645  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-645  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 753 CTTAAGGAGATGCAGCA 769  
Db 17 CTTAAGGAGATTTCAGA 1  
RESULT 1130  
US-09-848-754A-1186  
; Sequence 1186, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1186  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1186  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 113 CAAGAAACGGGAGAGAA 129  
Db 1 CAUAACUGGAAAGAA 17  
RESULT 1131  
US-09-848-754A-1566  
; Sequence 1566, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1566  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1566  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 557 CCAACAGCAGGATCCCT 573  
||| ||||| :|:

Db 1 CCCACAGCGGGCUUCU 17  
RESULT 1132  
US-09-848-754A-2256  
; Sequence 2256, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2256  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2256  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
QY 680 AGATGATCTGCACACC 696  
Db 1 AGAUGGAGUGAACCCC 17  
RESULT 1133  
US-09-848-754A-2384  
; Sequence 2384, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2384  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2384  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 8.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
QY 238 TGGCTCAGCTCTTGAAG 254  
Db 1 UGGCCAGGUCUGAAG 17  
RESULT 1134  
US-09-848-754A-2447  
; Sequence 2447, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBHB00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2447

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2447

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 417 GCTCTCCGGTGCCTCC 433
|||:|||||
Db 1 GCCCUUCGCGUCGUCC 17

RESULT 1135
US-09-848-754A-2545/G
; Sequence 2545, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2545

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 AAAGACAGCGGACTTT 931
|||:|||||
Db 17 AGAGCCAGCGGCGCTT 1

RESULT 1136
US-09-848-754A-2625
; Sequence 2625, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2625
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2625

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 445 AGCCAGATGCTTCCAG 451
|||:|||||
Db 1 AGCCACAAGUCUCCAG 17

RESULT 1137
US-09-848-754A-2991/C
; Sequence 2991, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2991
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2991

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 GCTCACAGTGGGCGCTG 690
|||:|||||
Db 17 GCTCACAGTGGGCGCTG 1

RESULT 1138
US-09-848-754A-3484
; Sequence 3484, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3484

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 8.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 42 TGCACAGCGGCGGTAAG 58
|||:|||||
Db 1 UGCACAAGAGGAGCAAG 17

RESULT 1139
US-09-403-609-5
; Sequence 5, Application US/09403609
; Publication No. US20030087229A1
; GENERAL INFORMATION:
; APPLICANT: HAKENBECK, Regine
; TITLE OF INVENTION: DNA PROBES, METHOD AND KIT FOR IDENTIFYING
; FILE REFERENCE: 012627-011
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/DE98/01134
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: DE 197 17 346.2
; PRIOR FILING DATE: 1997-04-24
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
```

; ORGANISM: Streptococcus pneumoniae  
US-09-403-609-5

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 192 CCGGTCAGTTCTCTGGG 208  
| | | | | | | | | | | | | | | | | |  
Db 1 CTGGTCAGCTCTCTGGC 17

RESULT 1140  
US-09-776-474-97/c  
; Sequence 97, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Bocher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MEHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 97  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-97

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 328 AAGCTGTGGAGCAACTT 344  
| | | | | | | | | | | | | | | | | |  
Db 17 AAGTCTGGAGCAACAT 1

RESULT 1141  
US-09-776-474-430  
; Sequence 430, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Bocher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MEHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 430  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-430

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 8.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 978 ATAATCTCAGCCCTTGG 994  
| | | | | | | | | | | | | | | | | |  
Db 1 AAAAUCACAGACUUUG 17

RESULT 1142  
US-09-776-474-837  
; Sequence 837, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Bocher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MEHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 837  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-837

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 115 AGAAACGGGAAGG 131  
| | | | | | | | | | | | | | | | | |  
Db 1 AGAAAGGGCAAAAGG 17

RESULT 1143  
US-09-776-474-1122  
; Sequence 1122, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Bocher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MEHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1122  
; LENGTH: 17  
; TYPE: RNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1122

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 8.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 112 TCAGAAACGGGAGAA 128
Db 1 UCAAGAAAGGGCAAAA 17

RESULT 1144
US-09-776-474-1123
; Sequence 1123, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattae, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1123
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1123

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 113 CAAGAAACGGGAGAA 129
Db 1 CAAGAAAGGGCAAAA 17

RESULT 1145
US-09-776-474-1124
; Sequence 1124, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattae, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1124
; LENGTH: 17

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1124

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 114 AAGAAACGGGAGAAAG 130
Db 1 AAGAAAGGGCAAAAAG 17

RESULT 1146
US-09-930-423-80
; Sequence 80, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 80
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-80

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 8.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 356 CAACCTGTGAGAGAGC 372
Db 1 CAACCAAGGUCUGAAGUC 17

RESULT 1147
US-09-930-423-284
; Sequence 284, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-284

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAGGCAAAAAA 17

```
RESULT 1148
US-09-930-423-433
; Sequence 433, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-433

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGCATGG 313
Db 1 GCGGGGGCCCAUGG 17

RESULT 1149
US-09-930-423-959
; Sequence 959, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 959
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-959

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAUGAAAAA 17

RESULT 1150
US-09-930-423-1139/c
; Sequence 1139, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1139

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 990 CTTGGAAGTCTGAGGCT 1006
Db 1 CAUGGAAGACUGUGGCU 17

RESULT 1151
US-09-930-423-1276/c
; Sequence 1276, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1276

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CCTGCTGGCGGCACAC 399
Db 17 CCTGCTGGCGGCACAC 1

RESULT 1152
US-09-930-423-1413
; Sequence 1413, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1413

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 990 CTTGGAAGTCTGAGGCT 1006
Db 1 CAUGGAAGACUGUGGCU 17

RESULT 1153
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```
US-09-930-423-1448
; Sequence 1448, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1448
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1448

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
DB      1 AAAAAAAAAACUAGAAAA 17

RESULT 1154
US-09-930-423-1534
; Sequence 1534, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1534

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
DB      1 AAAAAAAAAACUAGAAAAAA 17

RESULT 1157
US-09-780-164-66
; Sequence 66, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-66

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      462 GAAGAGCTCCAGGAAGT 478
DB      1 GAAAAACUCCAGGAAGU 17
```

```
US-09-930-423-1448
; Sequence 1448, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1448
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1448

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAA 1100
DB      1 AAAAAAAAAACUAGAAAA 17

RESULT 1154
US-09-930-423-1534
; Sequence 1534, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1534

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      416 GGCCTCCGGCTGCCCC 432
DB      1 GGGGCGCGCGGUGGCCCC 17

RESULT 1155
US-09-930-423-1746
; Sequence 1746, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1746
; LENGTH: 17
```

```
RESULT 1158
US-09-780-164-172
; Sequence 172, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-172

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGATCC 572
Db 1 CCCAACAGCAGGAUCC 17

RESULT 1159
US-09-780-164-275/c
; Sequence 275, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-275

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAA 1100
Db 17 AAAAAACAAAAAAA 1

RESULT 1160
US-09-780-164-549
; Sequence 549, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
```

```
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 549
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-549

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 557 CCAACAGCAGGATCCT 573
Db 1 CCAAGAUCAAGGAUCCU 17

RESULT 1161
US-09-780-164-902
; Sequence 902, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 902
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-902

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1079 CTATTAAAAAAA 1095
Db 1 CUAUGAAUAAAAGAA 17

RESULT 1162
US-09-780-164-926/c
; Sequence 926, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-926
```



Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTGTGCAAA 230  
|||||  
Db 17 TAAGAAAGTGTCTCAA 1

RESULT 1163  
US-09-827-395A-164-1052  
; Sequence 1052, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1052  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-164-1052

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 558 CAACAGCAGGATCTC 574  
|||||  
Db 1 CAAGAUCAGGAUCCUC 17

RESULT 1164  
US-09-827-395A-30  
; Sequence 30, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 30  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-30

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 633 CAGTCCCGCTCCCTGCA 649  
|||||  
Db 1 CAGUACCUUCUACUGCA 17

RESULT 1165  
US-09-827-395A-78/c  
; Sequence 78, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 78  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-78

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 TGGTGCTGAAGCTGT 839  
|||||  
Db 17 TGCCTGCCGAAGCTGT 1

RESULT 1166  
US-09-827-395A-272/c  
; Sequence 272, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 272  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-272

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 453 GCCTTCCAGGAAGCT 469  
|||||  
Db 17 GCCGTGCAGGAAGCT 1

RESULT 1167  
US-09-827-395A-623/c  
; Sequence 623, Application US/09827395A  
; Publication No. US20030113891A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggen  
APPLICANT: Bharat Chowhira  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G  
FILE REFERENCE: MBH00-878-C (400/017)  
CURRENT APPLICATION NUMBER: US/09/827,395A  
CURRENT FILING DATE: 2001-04-05  
PRIOR APPLICATION NUMBER: 09/780,533  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 2617  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 623  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-827-395A-623

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 36 TCCAGTGCAGGCGGCG 52  
Db 17 TCCAGTGCAGGCGTGTG 1

RESULT 1168  
US-09-827-395A-719/c  
Sequence 719, Application US/09827395A  
Publication No. US20030113891A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggen  
APPLICANT: Bharat Chowhira  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G  
FILE REFERENCE: MBH00-878-C (400/017)  
CURRENT APPLICATION NUMBER: US/09/827,395A  
CURRENT FILING DATE: 2001-04-05  
PRIOR APPLICATION NUMBER: 09/780,533  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 2617  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 719  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-827-395A-719

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 763 TGGCAGACTGGGAGAG 779  
Db 17 TGGCAGACTGGGAG 1

RESULT 1169  
US-09-827-395A-858/c  
Sequence 858, Application US/09827395A  
Publication No. US20030113891A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggen  
APPLICANT: Bharat Chowhira

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Lawrence Blatt  
APPLICANT: James McSwiggen  
APPLICANT: Bharat Chowhira  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
FILE REFERENCE: MBH00-878-C (400/017)  
CURRENT APPLICATION NUMBER: US/09/827,395A  
CURRENT FILING DATE: 2001-04-05  
PRIOR APPLICATION NUMBER: 09/780,533  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 2617  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 858  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-827-395A-858

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 425 GCTGCCCTGCTAGTC 441  
Db 17 GCTGCCCTGCCAGGC 1

RESULT 1170  
US-09-740-332-108/c  
Sequence 108, Application US/09740332  
Publication No. US20030125270A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: Hepatitis C Virus Infection  
CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 108  
LENGTH: 17  
TYPE: RNA  
ORGANISM: artificial sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-108

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 391 CGGCGACACACCCCTG 407  
Db 17 CGGCGACACCCACCTG 1

RESULT 1171  
US-09-740-332-1994/c  
Sequence 1994, Application US/09740332  
Publication No. US20030125270A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: Hepatitis C Virus Infection  
CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1994  
LENGTH: 17  
TYPE: RNA

```

; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1994

```

Query Match	1.1%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%	Pred. No. 8.6e+02;		

QY 480 GGCATTCTCTCAGGATCT 496  
          |||||          |||||  
Db 17 GGCATTCCACCGGAAC 1

RESULT 1172

US-09-740-332-2799  
; Sequence 2799, Application US/09740332  
; Publication No. US20030125270A1

```

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/0003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2799

```

LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

;  
; FEATURE:

```

; NAME/KEY: misc_feature
; LOCATION:

```

US-09-740-332-2799

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 8.6e+02;  
Matches 10; Conservative 4; Mismatches 3 Indels

QY 480 GGCATTCTCAGGATCT 496  
||| ::|||:::  
Db 1 GGAAUUCGCAGGAUCU 17

RESULT 1173

US-09-740-332-3737  
; Sequence 3737, Application US/09740332  
; Publication No. US20030125270A1

```

/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: RPI 400/003
/ CURRENT APPLICATION NUMBER: US/09/740,332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3737

```

; LENGTH: 17

TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

```

; NAME/KEY: misc_feature
; LOCATION:

```

US-09-740-332-3737

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;

	Matches	12;	Conservative	2;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	854	CCCCACTGGTGATGAGC	870							
				:	:	:	:	:	:	:
Db	1	CCCCCAGGUGAUGC	17							

RESULT 1174

US-09-740-332-4306/c  
; Sequence 4306, Application US/09740332  
; Publication No. US20030125270A1

```

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4306

```

Query Match 1.1%: Score 12.2: DB 1: Length 17:

Worst Match	1.1%	Score 12.2	Length 27
Best Local Similarity	82.4%	Pred. No. 8.6e+02	
Matches 14; Conservative	0; Mismatches 3; Indels 0; Gaps 0;		

627 AGCGCTCAGTCCCGGTC 643

Q7  
027 AGCGCTCACTCCACGC

D6  
17 AGCGCTCACTCCACGC

RESULT 1175

US-09-740-332-4447  
; Sequence 4447, Application US/09740332  
; Publication No. US20030125270A1

```

































































; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4447
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4447

```

Query Match 1 1%: Score 12 2: DB 1: Length 17:

Best Match 1.2%; Score 12.4; Length 17;  
 Local Similarity 76.5%; Pred. No. 8.6e+02;  
 Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

390 GCGGGCACACACACCGCT 406  
Ov

5'  100 bp  
 3'  100 bp  
 1'  100 bp  
 2'  100 bp  
 3'  100 bp  
 4'  100 bp  
 5'  100 bp  
 6'  100 bp  
 7'  100 bp  
 8'  100 bp  
 9'  100 bp  
 10'  100 bp  
 11'  100 bp  
 12'  100 bp  
 13'  100 bp  
 14'  100 bp  
 15'  100 bp  
 16'  100 bp  
 17'  100 bp  
 18'  100 bp  
 19'  100 bp  
 20'  100 bp  
 21'  100 bp  
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 23'  100 bp  
 24'  100 bp  
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 26'  100 bp  
 27'  100 bp  
 28'  100 bp  
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 36'  100 bp  
 37'  100 bp  
 38'  100 bp  
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 40'  100 bp  
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 43'  100 bp  
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 45'  100 bp  
 46'  100 bp  
 47'  100 bp  
 48'  100 bp  
 49'  100 bp  
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 51'  100 bp  
 52'  100 bp  
 53'  100 bp  
 54'  100 bp  
 55'  100 bp  
 56'  100 bp  
 57'  100 bp  
 58'  100 bp  
 59'  100 bp  
 60'  100 bp  
 61'  100 bp  
 62'  100 bp  
 63'

RESIN.T 1176

US-10-297-068-562

; Sequence 562, Application US/10297068  
; Publication No. US20030228585A1  
; GENERAL INFORMATION:  
; APPLICANT: INOKO, Hidetoshi  
; APPLICANT: KAGIYA, Taeko  
; APPLICANT: ICHIHARA, Tatsuo  
; APPLICANT: Matsumura, Yoshiyuki  
; APPLICANT: MORIYA, Shogo  
; APPLICANT: NISHIDA, Michio  
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES  
; FILE REFERENCE: 13140P1174  
; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 562  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: capture  
US-10-297-068-562

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 640 GTCCTCGTCAACCGAGT 656  
||| ||||| |||||  
DB 1 GCTGCTCGCGCGAGT 17

RESULT 1177  
US-10-297-068-1235/c  
; Sequence 1235, Application US/10297068  
; Publication No. US20030228585A1  
; GENERAL INFORMATION:  
; APPLICANT: INOKO, Hidetoshi  
; APPLICANT: KAGIYA, Taeko  
; APPLICANT: ICHIHARA, Tatsuo  
; APPLICANT: Matsumura, Yoshiyuki  
; APPLICANT: MORIYA, Shogo  
; APPLICANT: NISHIDA, Michio  
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES  
; FILE REFERENCE: 13140P1174  
; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 1235  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: capture  
US-10-297-068-1235

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 591 TACTCCGTTGCGGCT 607  
||| ||||| |||||  
DB 17 TACATCCTGTGGAGGT 1

RESULT 1178  
US-10-376-341-202/c  
; Sequence 202, Application US/10376341

; Publication No. US20040002473A1  
; GENERAL INFORMATION:  
; APPLICANT: KURRECK, Jens  
; APPLICANT: ERDMANN, Volker A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRL  
; FILE REFERENCE: 029310.52142US  
; CURRENT APPLICATION NUMBER: US/10/376,341  
; CURRENT FILING DATE: 2003-03-03  
; PRIOR APPLICATION NUMBER: PCT/EP01/10081  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 100 43 674.9  
; PRIOR FILING DATE: 2000-09-02  
; PRIOR APPLICATION NUMBER: 100 43 702.8  
; PRIOR FILING DATE: 2000-09-04  
; NUMBER OF SEQ ID NOS: 248  
; SOFTWARE: Patent In version 3.1  
; SEQ ID NO 202  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-10-376-341-202

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 715 CCAAAATTCAGAGCTG 731  
||| ||||| |||||  
DB 17 CCACATGCTGGAGCTG 1

RESULT 1179  
US-09-745-237A-80  
; Sequence 80, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: Patent In version 3.0  
; SEQ ID NO 80  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-80

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 8.6e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
  
QY 356 CAACCTGTCAGAGAGC 372  
||| ||||| |||||  
DB 1 CAACAGUCUGAAGUGC 17

RESULT 1180  
US-09-745-237A-284  
; Sequence 284, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-284

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAACUAGAAAAAA 17

RESULT 1181
US-09-745-237A-433
; Sequence 433, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-433

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTCAGG 313
Db 1 GCCGGGGCCCAUGG 17

RESULT 1182
US-09-745-237A-959
; Sequence 959, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 959
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-959

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAACUAGAAAAAA 17

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-284

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAACUAGAAAAAA 17

RESULT 1183
US-09-745-237A-1139/c
; Sequence 1139, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1139
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1139

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GGTTCCTCCAGGTGACAG 46
Db 17 GTTTCCTACAGGTACAG 1

RESULT 1184
US-09-745-237A-1276/c
; Sequence 1276, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1276

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CCTGCTGGCGGCACAC 399
Db 17 CCTGCTGGCGGCACAC 1

RESULT 1185
US-09-745-237A-1413
; Sequence 1413, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
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```
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1413

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 990 CTTGGAAGTCCTGAGGCT 1006
Db 1 CAUGGAAGACUGUGGCU 17

RESULT 1186
US-09-745-237A-1448
; Sequence 1448, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1448
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1448

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAACUAGAAAAA 17

RESULT 1187
US-09-745-237A-1534
; Sequence 1534, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1534

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 416 GGCTCTCCGCTGCCCC 432
Db 1 GGGGCGCGCGCUGCCCC 17

RESULT 1188
US-09-745-237A-1746
; Sequence 1746, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1746

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 385 TGCTGGCGGCGCACAC 401
Db 1 UGCGGCGGGAUACUC 17

RESULT 1189
US-09-745-237A-1775
; Sequence 1775, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1775
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1775

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100
Db 1 AAAAAACUAGAAAAAAA 17

RESULT 1190
US-09-752-818-319
; Sequence 319, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insr
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
```

US-09-792-818-623

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GCGAGAACTGGAGAGA 780  
DB 1 GACAGAACCCGAGAGA 17

RESULT 1191

US-09-792-818-391/c

Sequence 391, Application US/09792818  
Publication No. US20030134806A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Jarvis, Thale  
APPLICANT: Von Carlowitz, Ira  
APPLICANT: McSwiggen, Jim  
APPLICANT: Hamblin, Paul  
APPLICANT: Ellis, Jonathan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
FILE REFERENCE: MBH00-901-A (400/013)  
CURRENT APPLICATION NUMBER: US/09/792,818  
CURRENT FILING DATE: 2001-02-23  
NUMBER OF SEQ ID NOS: 2304  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 391  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens

US-09-792-818-391

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 132 ATGCTGCTTTGGGGC 148  
DB 17 ATCGCTGCTGGGGC 1

RESULT 1192

US-09-792-818-623

Sequence 623, Application US/09792818  
Publication No. US20030134806A1

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Jarvis, Thale  
APPLICANT: Von Carlowitz, Ira  
APPLICANT: McSwiggen, Jim  
APPLICANT: Hamblin, Paul  
APPLICANT: Ellis, Jonathan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
FILE REFERENCE: MBH00-901-A (400/013)  
CURRENT APPLICATION NUMBER: US/09/792,818  
CURRENT FILING DATE: 2001-02-23  
NUMBER OF SEQ ID NOS: 2304  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 623  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens

US-09-792-818-623

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 958 TGGGACGGGTGGCAG 974  
DB 1 UGGGCAUUGGGACCG 17

RESULT 1193

US-09-882-945A-292/c

Sequence 292, Application US/09882945A  
Publication No. US20030143535A1

GENERAL INFORMATION:  
APPLICANT: Lymanichev, Victor  
APPLICANT: Allawi, Hatim  
APPLICANT: Dong, Fang  
APPLICANT: Neri, Bruce  
APPLICANT: Vener, Tatiana  
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
FILE REFERENCE: FORS-04586  
CURRENT APPLICATION NUMBER: US/09/882,945A  
CURRENT FILING DATE: 2001-06-15  
NUMBER OF SEQ ID NOS: 334  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 292  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic

US-09-882-945A-292

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAAG 782  
DB 17 CACAACCTAGGGAAGAAG 1

RESULT 1194

US-10-211-060-61

Sequence 61, Application US/10211060  
Publication No. US20030135035A1

GENERAL INFORMATION:  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: HUMAN ZAP1 PROTEIN  
FILE REFERENCE: PB0152  
CURRENT APPLICATION NUMBER: US/10/211,060  
CURRENT FILING DATE: 2002-08-02  
PRIOR APPLICATION NUMBER: US 60/311,480  
PRIOR FILING DATE: 2001-08-09  
NUMBER OF SEQ ID NOS: 152  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 61  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-10-211-060-61

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTGGAG 776  
DB 1 AGATGGAAAAAGTGGAG 17

US-09-792-818-623

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.8%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 958 TGGGACGGGTGGCAG 974  
DB 1 UGGGCAUUGGGACCG 17

RESULT 1193

US-09-882-945A-292/c

Sequence 292, Application US/09882945A  
Publication No. US20030143535A1

GENERAL INFORMATION:  
APPLICANT: Lymanichev, Victor  
APPLICANT: Allawi, Hatim  
APPLICANT: Dong, Fang  
APPLICANT: Neri, Bruce  
APPLICANT: Vener, Tatiana  
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
FILE REFERENCE: FORS-04586  
CURRENT APPLICATION NUMBER: US/09/882,945A  
CURRENT FILING DATE: 2001-06-15  
NUMBER OF SEQ ID NOS: 334  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 292  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic

US-09-882-945A-292

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAAG 782  
DB 17 CACAACCTAGGGAAGAAG 1

RESULT 1194

US-10-211-060-61

Sequence 61, Application US/10211060  
Publication No. US20030135035A1

GENERAL INFORMATION:  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: HUMAN ZAP1 PROTEIN  
FILE REFERENCE: PB0152  
CURRENT APPLICATION NUMBER: US/10/211,060  
CURRENT FILING DATE: 2002-08-02  
PRIOR APPLICATION NUMBER: US 60/311,480  
PRIOR FILING DATE: 2001-08-09  
NUMBER OF SEQ ID NOS: 152  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 61  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-10-211-060-61

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTGGAG 776  
DB 1 AGATGGAAAAAGTGGAG 17

RESULT 1195  
US-10-138-888-50  
; Sequence 50, Application US/10138888  
; Publication No. US20030148972A1  
; GENERAL INFORMATION:  
; APPLICANT: Thomas, Winston J.  
; Drayna, Dennis T.  
; Feder, John N.  
; Gnirke, Andreas  
; Ruddy, David  
; Tsuchihashi, Zenta  
; Wolff, Roger K.  
; TITLE OF INVENTION: Hereditary Hemochromatosis Gene  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/138,888  
; FILING DATE: 02-May-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/834,497  
; FILING DATE: 04-APR-1997  
; APPLICATION NUMBER: US 08/652,265  
; FILING DATE: 23-MAY-1996  
; APPLICATION NUMBER: US 08/632,673  
; FILING DATE: 16-APR-1996  
; APPLICATION NUMBER: US 08/630,912  
; FILING DATE: 04-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brian M. Poissant  
; REGISTRATION NUMBER: 28,462  
; REFERENCE/DOCKET NUMBER: 8907-095-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:  
US-10-138-888-50  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 823 TGGGTGCTGAGCTGGT 839  
Db 1 TGGGTGCTCCACCTGGT 17  
RESULT 1196  
US-10-238-700-286/c  
; Sequence 286, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 286  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-286  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 476 ACTGGCAATTCCTCAGG 492  
Db 17 ACTTACATTCATCAGG 1  
RESULT 1197  
US-10-238-700-481  
; Sequence 481, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 481  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-481  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAUAAAAAAAAAAAAACA 17  
RESULT 1198  
US-10-238-700-889  
; Sequence 889, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patentin version 3.0



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; SEQ ID NO 889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-889

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTCAGGA 727
   ||||| :|||
Db 1 AUGCCCAUACUUCAGGA 17

RESULT 1199
US-10-238-700-2979
; Sequence 2979, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2979
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2979

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 570 TCCTCGTGCCTCAGCT 586
   ||: |||: ||:
Db 1 UCCUGUGUCUGGGGU 17

RESULT 1200
US-10-061-201-1178/c
; Sequence 1178, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1178
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1178

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 166 ACCATCCGCTGACAGT 182
   ||||| :|||
Db 17 ACCATCCGTTGAGAGT 1

RESULT 1201
US-10-061-201-1286/c
; Sequence 1286, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1286
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1286

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 126 GAAAGGATGTCGCTTT 142
   ||| :|||
Db 17 GAAGGAACGTCGCTTT 1

RESULT 1202
US-10-061-201-1797
; Sequence 1797, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
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; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1797

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 265 GGAGCAGCTTCAGAAAG 281
Db 1 GGAGCAGCATGAGAAAG 17

RESULT 1203
US-10-061-201-1801
; Sequence 1801, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1797

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 265 GGAGCAGCTTCAGAAAG 281
Db 1 GGAGCAGCATGAGAAAG 17

RESULT 1203
US-10-061-201-1801
; Sequence 1801, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1803
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1803

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CTGATGGGAAGACTG 322
Db 1 CAGATGAGAGAGATG 17

RESULT 1204
US-10-061-201-1803
; Sequence 1803, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1803
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1803

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CTGATGGGAAGACTG 324
Db 1 CAGATGAGAGAGATG 17

RESULT 1205
US-10-061-201-2043
; Sequence 2043, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2043
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-2043

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Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY 21 CCGCGGCTAGGTTCTCTC 37
DB 1 CCGCGGCTAGGTTCTCTC 17

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RESULT 1206
US-10-061-201-2056/c
; Sequence 2056, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2056
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

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US-10-061-201-2056

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Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1033 TGGCTTTCATAGTGGAGG 1049
DB 17 TGTCTTCCATAATGAGG 1

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RESULT 1207
US-10-339-782-87
; Sequence 87, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 87
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-87

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```

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 194 GGTCAAGTTTCTCGGTT 210
DB 1 GATCAAGTTTCTCGTGT 17

```

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RESULT 1208
US-09-817-879-108/c
; Sequence 108, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEMB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-108

```

```

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 391 CGGCGACACACACCTG 407
DB 17 CGGCGACACACCTG 1

```

RESULT 1209

```
US-09-817-879-1994/c
; Sequence 1994, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1994
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1994
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 480 GGCATTCTCAGGATCT 496
Db 17 GGCATTCAACAGGA 1

RESULT 1210
US-09-817-879-2799
; Sequence 2799, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2799
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 480 GGCATTCTCAGGATCT 496
Db 1 GGAUUCCGAGGAU 17

RESULT 1211
US-09-817-879-3737
; Sequence 3737, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
```

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; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3737
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3737
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 854 CCCCACTGTCATGAGC 870
Db 1 CCCCCCAGGUGAUAUC 17

RESULT 1212
US-09-817-879-4306/c
; Sequence 4306, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4306
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 627 AGCGCTCAGTCCCGCTC 643
Db 17 AGCGCTCACTCCACGC 1

RESULT 1213
US-09-817-879-4447
; Sequence 4447, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4447
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
```

```
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4447

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 8.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 390 GGGGCGACACACACCT 406
    ||| ||||| |||
Db 1 GGGGCGACACCAACCU 17

RESULT 1214
US-10-339-793-192
; Sequence 192, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 192
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-192

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 492 GATCTAATGGAGATT 508
    ||||| ||||| |||
Db 1 GATCTGTTGGAGTTT 17

RESULT 1215
US-10-338-777-337
; Sequence 337, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-337

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 492 GATCTAATGGAGATT 508
    ||||| ||||| |||
Db 1 GATCTAATGACGAGTT 17
```

```
RESULT 1216
US-10-091-281-130
; Sequence 130, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 130
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif
US-10-091-281-130

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1079 CTATTAATAAAAAAAA 1095
    ||| ||||| |||
Db 1 CTACTAAATAATAAAA 17

RESULT 1217
US-10-091-281-354
; Sequence 354, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 354
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif
US-10-091-281-354

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1079 CTATTAATAAAAAAAA 1095
    ||| ||||| |||
Db 1 CTACTAAATAATAAAA 17

RESULT 1218
US-10-230-006-761/c
; Sequence 761, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MSB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
```

```
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 761
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-761

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 GTTCCTCCAGGTGCGA 47
Db 17 GCTCCTCCAGGGGCTGA 1

RESULT 1219
US-10-230-006-2147
; Sequence 2147, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Kathy
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MREH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2147
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2147

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 538 CTCCTCTCGACTCTGTA 554
Db 1 CUCUCCUGGACACUGCA 17

RESULT 1220
US-10-209-787-3158
; Sequence 3158, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
```

```
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3158
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3158

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAGAGAGTGTGAG 788
Db 1 TGAGAGAGAGGCTGAG 17

RESULT 1221
US-10-209-787-3159/c
; Sequence 3159, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3159

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAGAGAGTGTGAG 788
Db 1 TGAGAGAGAGGCTGAG 17

RESULT 1222
US-10-041-856-57
; Sequence 57, Application US/10041856
; Publication No. US20020169299A1
; GENERAL INFORMATION:
; APPLICANT: SLAUGENHAUPT, SUSAN
; APPLICANT: GUSELLA, JAMES F.
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
; FILE REFERENCE: 1829-4004US1
; CURRENT APPLICATION NUMBER: US/10/041,856
; CURRENT FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 60/260,080
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
```



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; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 739
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-739

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      204 CTGGGTTCCCGCCCTC 220
      |||||
DB      17 CTGGCTTCCCGCCCTTC 1

RESULT 1228
US-10-060-756A-329/c
; Sequence 329, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060.756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 690
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-690

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      219 TCTCCAGAGTGACGCGC 235
      |||||
DB      1 TCTCCAGAGTGACGAGC 17

RESULT 1227
US-10-060-830-739/c
; Sequence 739, Application US/10060830
; Publication No. US2003003215A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060.830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 690
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-690

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      221 TCCAGAGTGACGCGCG 237
      |||||
DB      17 TCCAGATCGACGCGCG 1

RESULT 1229
US-10-060-756A-492
; Sequence 492, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060.756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```



```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 492
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-492
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 598 GGTGGCGGGTGGACGTG 614
||||| ||||| |||||
Db 1 GGTGGCAGTGGCGCG 17
```

```
RESULT 1230
US-10-060-756A-696
/ Sequence 696, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 696
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-696
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 455 CTTCCAGGAGAGTCC 471
||||| ||||| |||||
Db 1 CTTCCAGGAGAGCACC 17
```

```
RESULT 1231
US-10-060-756A-4195/c
/ Sequence 4195, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 4195
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-4195
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 664 TGCAGCTGAAGCTCAC 680
||||| ||||| |||||
Db 17 TGCAGCTAAACACACA 1
```

```
RESULT 1232
US-10-060-756A-4228
/ Sequence 4228, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 4228
/ LENGTH: 17
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4228

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 TGAGACGTATTTTAAG 911
Db 1 TCAGACATTTTTAAG 17

RESULT 1233
US-10-287-919-1835
; Sequence 1835, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1835
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; LOCATION: (1061296) ... (1061312)
; FEATURE:
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2326
US-10-287-919-1835

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
Db 1 AAAAACTAAAAAAGAA 17

RESULT 1234
US-10-287-919-2172
; Sequence 2172, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2172
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1314593) ... (1314609)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2770
US-10-287-919-2172

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
Db 1 AAAAACTAAAAAAGAA 17

RESULT 1235
US-10-044-692-248/c
; Sequence 248, Application US/10044592
; Publication No. US20030096344A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-044-692-248

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 626 CAGCGCTAGTCCCGCT 642
Db 17 CAGCGCTAGTCCCGCT 1

RESULT 1236
US-10-044-539-248/c
; Sequence 248, Application US/10044539

```

Publication No. US20030100093A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,539  
FILING DATE: 11-Jan-2002  
CLASSIFICATION DATA:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 248:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 248:  
US-10-044-539-248  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 626 CAGCGTCAGTCGCGCT 642  
Db 17 CAGCGTCGCGCTGCT 1  
RESULT 1237  
US-10-060-895A-93  
Sequence 93, Application US/10060895A  
Publication No. US2003010403A1  
GENERAL INFORMATION:  
APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE

APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE  
FILE REFERENCE: PB0158  
CURRENT APPLICATION NUMBER: US/10/060,895A  
CURRENT FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/315,984  
PRIOR FILING DATE: 2001-08-30  
NUMBER OF SEQ ID NOS: 1682  
SOFTWARE: Ascomica Sequence Listing Engine  
SEQ ID NO 93  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-060-895A-93  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 817 GTACTGTGGTGGCTGAA 833  
Db 1 GTCGTGGTGGTGGAA 17  
RESULT 1238  
US-10-060-895A-128/c  
Sequence 128, Application US/10060895A  
Publication No. US2003010403A1  
GENERAL INFORMATION:  
APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE  
FILE REFERENCE: PB0158  
CURRENT APPLICATION NUMBER: US/10/060,895A  
CURRENT FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23

```

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-126

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 283 TGTGAAACTGTGATCT 299
DB 17 TGTGAAACTGTGATCT 1

RESULT 1241
US-10-060-998-149
; Sequence 149, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 149
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-149

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 329 AGCTGTGAGCACTTG 345
DB 1 AGCGTGTGAGCTGCTTG 17

RESULT 1242
US-10-060-998-927
; Sequence 927, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 149
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-149

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 329 AGCTGTGAGCACTTG 345
DB 1 AGCGTGTGAGCTGCTTG 17

; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 128
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-128

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAGG 474
DB 17 CCAGGAAGAGCACCGAG 1

RESULT 1239
US-10-060-895A-706
; Sequence 706, Application US/10060895A
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC-POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 706
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-706

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 GGTGTGTGAGCTGGTA 840
DB 1 GGCTGTGTGAGGTGGTA 17

RESULT 1240
US-10-060-998-126/c
; Sequence 126, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:

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; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 927
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-927

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 566 GGCATCCTCGCTGCTC 582
DB 1 GGAATCTCGCTGCTC 17

RESULT 1243
US-10-060-998-928
; Sequence 928, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 928
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-928

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 GGCATCCTCGCTGCTC 583
DB 1 GGAATCTCGCTGCTC 17

RESULT 1244
US-10-060-998-1221
; Sequence 1221, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1221

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```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-1221

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 TGTAAAGCTGGCGCTGGC 1036
DB 1 TGTATACATGGCGCTGGC 17

RESULT 1245
US-10-060-998-1364
; Sequence 1364, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1364
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-1364

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 462 GAAGAGCTCCAGGAAC 478
DB 1 GAAGATCCCTGGAACT 17

RESULT 1246
US-10-060-998-1365
; Sequence 1365, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-1365

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to [level]

; FEATURE:

TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to [level]

; OTHER INFORMATION: Probe sequence  
US-10-209-324-17

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 631 CTCAGTCCCTCCCTG 647  
Db 17 CTCAGTCCCTCCCTG 1

RESULT 1252  
US-10-156-306-8  
; Sequence 8, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-156-306-8

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 175 CTCACAGTCACATGCG 191  
Db 1 CUUGCGGUCACAGUGGC 17

RESULT 1253  
US-10-156-306-53/c  
; Sequence 53, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 53  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-156-306-53

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1099  
Db 17 TAAAAAGAGAAAAAGAA 1

RESULT 1254  
US-10-156-306-186/c  
; Sequence 186, Application US/10156306

; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 186  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-156-306-186

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 TTTGATTTGTAATGCA 81  
Db 17 TTTGATTTGTAATGCA 1

RESULT 1255  
US-10-156-306-484  
; Sequence 484, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 484  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-156-306-484

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 8.6e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 125 AGAAAGGATGCTGCTT 141  
Db 1 AGAAAGGUUUCUUCU 17

RESULT 1256  
US-10-156-306-485  
; Sequence 485, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 485  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-156-306-485

1, FURTHER INFORMATION NO. US20030115901/A1



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; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5001
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5001

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred: No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 407 GTCTCCGAGCGCTCTCC 423
Db      ||||| ||||| |||||
17 GTCTCTCGCAGGAGCTCC 1

RESULT 1265
US-10-156-306-5182/c
; Sequence 5182, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5182
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5182

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred: No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGGTGGACG 612
Db      ||||| ||||| |||||
17 CCAGTCCCGGGTGGAGG 1

RESULT 1266
US-10-156-306-5839/c
; Sequence 5839, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5839
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5839

```

```
Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACCTGGCATTCTCTCA 490
Db 17 GAGCTGGCATTCTCTTA 1

RESULT 1267
US-10-156-306-5921/c
; Sequence 5921, Application US/10156306
; Publication No. US20030113017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5921

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 406 TGCTCCAGCAGGCTCTC 422
Db 17 TGCTCCAGCAGGCTC 1

RESULT 1268
US-10-156-306-6905
; Sequence 6905, Application US/10156306
; Publication No. US20030113017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6905
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6905

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 137 TGCTTTGGGGCTGCAG 153
Db 1 USCUCGGGAGCUCGAG 17

RESULT 1269
US-10-255-434-10
; Sequence 10, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
```

```
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-10

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 993 GGAAGTCTGAGGCTGGA 1009
Db 1 GGGAGGCTGAGGCGAGA 17

RESULT 1270
US-10-255-434-22/c
; Sequence 22, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-22

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 993 GGAAGTCTGAGGCTGGA 1009
Db 17 GGGAGGCTGAGGCGAGA 1

RESULT 1271
US-09-774-381-11/c
; Sequence 11, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Pan, Yang
; APPLICANT: Gearing, David P.
; TITLE OF INVENTION: NOVEL EDITR, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: MNI-107CPC2
; CURRENT APPLICATION NUMBER: US/09/774,381
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 08/941,354
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/010,674
; PRIOR FILING DATE: 1998-01-22
; PRIOR APPLICATION NUMBER: 60/061,149
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/014,347
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 60/061,159
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/474,151
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 09/004,206
; PRIOR FILING DATE: 1998-01-08
; PRIOR APPLICATION NUMBER: 60/061,143
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/483,414
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 09/213,571
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,890
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-774-381-11

Query Match      1.1%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      142 TGGGGGCTGCAGCTCCA 158
Db      17 TGTGGGCTGCACCTGCA 1

RESULT 1272
US-10-175-492-15/c
; Sequence 15, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-15

Query Match      1.1%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      185 CAGTGGCGGCTCAGTT 201
Db      19 CAGTGGCGGCTCCGTT 3

RESULT 1273
US-10-175-492-93
; Sequence 93, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPR
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-175-492-93

Query Match      1.1%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      185 CAGTGGCGGCTCAGTT 201
Db      2 CAGTGGCGGCTCCGTT 18

RESULT 1274
US-08-870-434-16/c
; Sequence 16, Application US/08870434
; Publication No. US20020034736A1
; GENERAL INFORMATION:
; APPLICANT: Falb, Dean
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/870,434
; FILING DATE: 06-JUN-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/799,910
; FILING DATE: 13-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-870-434-16

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
Db 12 TAAAAAATAAAA 1

## RESULT 1275

US-09-489-220-25/c  
; Sequence 25; Application US/09489220  
; Patent No. US20020110808A1  
; GENERAL INFORMATION:  
; APPLICANT: Reidhaar-Olson, John F.  
; APPLICANT: Glaxo Wellcome, Inc.  
; TITLE OF INVENTION: Toxicant-Induced Differential Gene Expression  
; FILE REFERENCE: 16528A-038900US  
; CURRENT APPLICATION NUMBER: US/09/489,220  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 25  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: T-12 in  
; OTHER INFORMATION: anchored primer (AP)  
US-09-489-220-25

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAA 1095  
Db 12 AAAAAAATAAAA 1

## RESULT 1276

US-09-841-157A-18/c  
; Sequence 18; Application US/09841157A  
; Publication No. US20020192648A1  
; GENERAL INFORMATION:  
; APPLICANT: NISHIGAKI, KOICHI  
; APPLICANT: TAKASAWA, TSUTOMU  
; APPLICANT: HAMANO, KEIICHI  
; TITLE OF INVENTION: METHODS OF IDENTIFYING AN ORGANISM BASED ON ITS GENOTYPE  
; FILE REFERENCE: 12637/P66602US0  
; CURRENT APPLICATION NUMBER: US/09/841,157A  
; CURRENT FILING DATE: 2001-04-25  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-841-157A-18

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAA 1095  
Db 12 AAAAAAATAAAA 1

## RESULT 1277

US-09-560-150-16/c  
; Sequence 16; Application US/09560150  
; Publication No. US20030073076A1  
; GENERAL INFORMATION:  
; APPLICANT: FALB, Dean A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; FILE REFERENCE: 7853-126  
; CURRENT APPLICATION NUMBER: US/09/560,150  
; CURRENT FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: 09/126,640  
; PRIOR FILING DATE: 1998-07-30  
; PRIOR APPLICATION NUMBER: 08/870,434  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: 08/799,910  
; PRIOR FILING DATE: 1997-02-13  
; PRIOR APPLICATION NUMBER: 60/011,787  
; PRIOR FILING DATE: 1996-02-16  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-560-150-16

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
Db 12 TAAAAAATAAAA 1

## RESULT 1278

US-09-997-931-7/c  
; Sequence 7; Application US/09997931  
; Publication No. US20030087241A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Rochester  
; APPLICANT: Kool, Eric  
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA  
; FILE REFERENCE: 220.00010142  
; CURRENT APPLICATION NUMBER: US/09/997,931  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 09/569,344  
; PRIOR FILING DATE: 2000-05-11  
; PRIOR APPLICATION NUMBER: US 08/805,631  
; PRIOR FILING DATE: 1997-02-26  
; PRIOR APPLICATION NUMBER: US 08/393,439  
; PRIOR FILING DATE: 1995-02-23  
; PRIOR APPLICATION NUMBER: US 08/047,860  
; PRIOR FILING DATE: 1993-04-15  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 7  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: resultant desired oligomer  
US-09-997-931-7

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 12 AAAAAAAAAA 1

RESULT 1279  
US-10-352-704-8/c  
; Sequence 8, Application US/10352704  
; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/352,704  
; FILING DATE: 28-Jan-2003  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..12  
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-10-352-704-8

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 12 AAAAAAAAAA 1

RESULT 1280  
US-10-352-704-14  
; Sequence 14, Application US/10352704

; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/352,704  
; FILING DATE: 28-Jan-2003  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..12  
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-10-352-704-14

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 1 AAAAAAAAAA 12

RESULT 1281  
US-09-823-031-1/c  
; Sequence 1, Application US/09823031  
; Publication No. US20030208061A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; Guzaev, Andrei P.  
; TITLE OF INVENTION: Labeled Oligonucleotides, Methods For Making Same And Compounds  
; TITLE OF INVENTION: Therefor  
; FILE REFERENCE: IS154723  
; CURRENT APPLICATION NUMBER: US/09/823,031

; CURRENT FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
US-09-823-031-1

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 12 AAAAAAAAAAAAA 1

## RESULT 1282

US-10-001-879-109  
; Sequence 109, Application US/10001879  
; Publication No. US20020127237A1  
; GENERAL INFORMATION:  
; APPLICANT: Salceda, Susana  
; APPLICANT: Macina, Roberto  
; APPLICANT: Recipon, Hervé  
; APPLICANT: Caifferkey, Robert  
; APPLICANT: Ali, Shujath  
; APPLICANT: Sun, Yongming  
; APPLICANT: Liu, Chenghua  
; TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and  
; FILE REFERENCE: DEX-0281  
; CURRENT APPLICATION NUMBER: US/10/001,879  
; CURRENT FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 60/252,188  
; PRIOR FILING DATE: 2000-11-21  
; NUMBER OF SEQ ID NOS: 201  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 109  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-001-879-109

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 1 AAAAAAAAAAAAA 12

## RESULT 1283

US-10-094-183-17  
; Sequence 17, Application US/10094183  
; Publication No. US20020168631A1  
; GENERAL INFORMATION:  
; APPLICANT: Welgene, Inc.  
; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library  
; FILE REFERENCE: 57354.00003  
; CURRENT APPLICATION NUMBER: US/10/094,183  
; CURRENT FILING DATE: 2002-03-08  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 12  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Artificial Sequence: Synthetic Primer  
US-10-094-183-17

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 1 AAAAAAAAAAAAA 12

## RESULT 1284

US-10-208-357-18  
; Sequence 18, Application US/10208357  
; Publication No. US20020182867A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT APPLICATION NUMBER: US/10/208,357  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US/09/619,103  
; PRIOR FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-18

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 1 AAAAAAAAAAAAA 12

## RESULT 1285

US-10-067-741-16/c  
; Sequence 16, Application US/10067741  
; Publication No. US20030057668A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean A. Falb  
; APPLICANT: Katherine Galvin  
; APPLICANT: Michael Donovan  
; APPLICANT: Dennis Huszar  
; APPLICANT: Michael A. Gimbrone, Jr.  
; TITLE OF INVENTION: Compositions and Methods for the Treatment and  
; TITLE OF INVENTION: Diagnosis of  
; TITLE OF INVENTION: Cardiovascular Disease  
; FILE REFERENCE: 7853-140-999  
; CURRENT APPLICATION NUMBER: US/10/067,741  
; CURRENT FILING DATE: 2002-02-08  
; PRIOR APPLICATION NUMBER: US/09/288,292  
; PRIOR FILING DATE: 1999-04-08  
; PRIOR APPLICATION NUMBER: 08/870,434  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: 08/799,910  
; PRIOR FILING DATE: 1997-02-13  
; PRIOR APPLICATION NUMBER: 60/011,787  
; PRIOR FILING DATE: 1996-02-16  
; PRIOR APPLICATION NUMBER: 08/485,573  
; PRIOR FILING DATE: 1995-06-07

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; PRIOR APPLICATION NUMBER: 08/386,844
; PRIOR FILING DATE: 1995-02-10
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-067-741-16

Query Match      1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1083 TAAAAAATAAAA 1094
Db 12 TAAAAAATAAAA 1

RESULT 1286
US-10-180-196-5
; Sequence 5, Application US/10180196
; Publication No. US20030124562A1
; GENERAL INFORMATION:
; APPLICANT: Guegler, Karl
; APPLICANT: Rose, Michael J.
; TITLE OF INVENTION: Methods and Compositions for Producing
; TITLE OF INVENTION: Full Length cDNA Libraries
; FILE REFERENCE: 06514-087US1
; CURRENT APPLICATION NUMBER: US/10/180,196
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/352,540
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: polyA signal
; LOCATION: (1)...(12)
US-10-180-196-5

Query Match      1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAATAAAA 1095
Db 1 AAAAAAATAAAA 12

RESULT 1287
US-08-825-486-16/c
; Sequence 16, Application US/08825486
; Publication No. US20020016303A1
; GENERAL INFORMATION:
; APPLICANT: Falb, Dean
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF
; TITLE OF INVENTION: CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

; PRIOR APPLICATION NUMBER: 08/799,910
; PRIOR FILING DATE: 13-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-077-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-08-825-486-16

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1082 TTAATAAATAAAA 1094
Db 13 TTAATAAATAAAA 1

RESULT 1288
US-09-372-044-16/c
; Sequence 16, Application US/09372044A
; Patent No. US20020102603A1
; GENERAL INFORMATION:
; APPLICANT: Dean FALB et al.
; TITLE OF INVENTION: Compositions and Methods for the
; TITLE OF INVENTION: Treatment and Diagnosis of Cardiovascular Disease
; FILE REFERENCE: 7853-152
; CURRENT APPLICATION NUMBER: US/09/372,044A
; CURRENT FILING DATE: 1999-08-11
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(13)
; OTHER INFORMATION: n = A,T,C or G
US-09-372-044-16

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1082 TTAATAAATAAAA 1094
Db 13 TTAATAAATAAAA 1

RESULT 1289
US-09-371-900-19/c
; Sequence 19, Application US/09371900
; Patent No. US20020137700A1
; GENERAL INFORMATION:

```

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,
, APPLICANT: FALB, DEAN A
, TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
, TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
,
, NUMBER OF SEQUENCES: 54
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: PENNIE & EDMONDS LLP
, STREET: 1155 Avenue of the Americas
, CITY: New York
, STATE: New York
, COUNTRY: USA
, ZIP: 10036-2711
,
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0, Version #1.30
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/371,900
, FILING DATE: 11-AUG-1999
, CLASSIFICATION: <Unknown>
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US 08/599,654
, FILING DATE: 09-FEB-1996
, APPLICATION NUMBER: US 08/485,573
, FILING DATE: 07-JUN-1995
, APPLICATION NUMBER: US 08/386,844
, FILING DATE: 10-FEB-1995
, ATTORNEY/AGENT INFORMATION:
, NAME: CORUZZI, LAURA A
, REGISTRATION NUMBER: 30,742
, REFERENCE/DOCKET NUMBER: 7853-104
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (212) 790-9090
, TELEFAX: (212) 869-8864
, TELEX: 66141 PENNIE
, INFORMATION FOR SEQ ID NO: 19:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 13 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: other nucleic acid
, DESCRIPTION: /desc = "synthetic oligonucleotide"
, HYPOTHETICAL: NO
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 12
, SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-371-900-19
Query Match 1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAAAAA 1094
DB 13 TAAAAA 1

RESULT 1290
US-09-820-19/c
; Sequence 19, Application US/09970820
; Patent No. US20020170077A1
; GENERAL INFORMATION:
; APPLICANT: FALB, DEAN A
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
;
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/986,718
; FILING DATE: 09-NOV-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,573
; FILING DATE: <Unknown>
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, COUNTRY: USA
, ZIP: 10036-2711
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0, Version #1.30
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/970,820
, FILING DATE: 05-OCT-2001
, CLASSIFICATION: <Unknown>
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US 08/386,844
, FILING DATE: 10-FEB-1995
, ATTORNEY/AGENT INFORMATION:
, NAME: CORUZZI, LAURA A
, REGISTRATION NUMBER: 30,742
, REFERENCE/DOCKET NUMBER: 7853-032
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (212) 790-9090
, TELEFAX: (212) 869-8864
, TELEX: 66141 PENNIE
, INFORMATION FOR SEQ ID NO: 19:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 13 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: DNA (genomic)
, HYPOTHETICAL: NO
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 12
, SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-970-820-19
Query Match 1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAAAAA 1094
DB 13 TAAAAA 1

RESULT 1291
US-09-986-718-19/c
; Sequence 19, Application US/09986718
; Patent No. US20020178458A1
; GENERAL INFORMATION:
; APPLICANT: FALB, DEAN A
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
;
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/986,718
; FILING DATE: 09-NOV-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,573
; FILING DATE: <Unknown>
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; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-986-718-19
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1082 TTAATAAAAAAAAAA 1094
Db      13 TTAATAAAAAAAAAA 1

RESULT 1292
US-10-186-950-19/c
; Sequence 19, Application US/10186950
; Publication No. US20030188327A1
; GENERAL INFORMATION:
; APPLICANT: FALB, DEAN A
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/186,950
; FILING DATE: 02-Jul-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,496
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/599,654
; FILING DATE: 03-FEB-1996
; APPLICATION NUMBER: US 08/485,573
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/386,844
; FILING DATE: 10-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CORUZZI, LAURA A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE

```

```

; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide"
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-186-950-19
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1082 TTAATAAAAAAAAAA 1094
Db      13 TTAATAAAAAAAAAA 1

RESULT 1293
US-10-094-183-19
; Sequence 19, Application US/10094183
; Publication No. US20020168631A1
; GENERAL INFORMATION:
; APPLICANT: Welgene, Inc.
; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library
; FILE REFERENCE: 57354.00003
; CURRENT APPLICATION NUMBER: US/10/094,183
; CURRENT FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial Sequence: Synthetic Primer
US-10-094-183-19

Query Match
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1095
Db      2 AAAAAAAAAAAAAA 13

RESULT 1294
US-10-149-121-10/c
; Sequence 10, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUVSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; PRODUCTS
; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-10

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094
DB 12 TAAAAAATAAAAA 1

RESULT 1295
US-10-149-121-11/c
; Sequence 11, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUVSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-11

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094
DB 12 TAAAAAATAAAAA 1

RESULT 1296
US-10-149-121-12/c
; Sequence 12, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUVSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
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; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-12

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094
DB 12 TAAAAAATAAAAA 1

RESULT 1297
US-10-108-164-115/c
; Sequence 115, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; TITLE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Mus musculus
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-108-164-115

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094
DB 12 TAAAAAATAAAAA 1

RESULT 1298
US-10-325-881-57/c
; Sequence 57, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
```

; FILE REFERENCE: 1422-388P  
; CURRENT APPLICATION NUMBER: US/10/325,881  
; CURRENT FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US/09/377,497  
; PRIOR FILING DATE: 1999-08-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 57  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: any n or Xaa = unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-10-325-881-57

Query Match 1.1%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 7.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094  
| | | | | | | | | | | | | | | | | |  
Db 12 TAAAAAATAAAAA 1

RESULT 1299  
US-10-325-881-58/c  
; Sequence 58, Application US/10325881  
; Publication No. US20030119047A1  
; GENERAL INFORMATION:  
; APPLICANT: YOSHIKAWA, YOSHIE  
; APPLICANT: MURAI, HIROYUKI  
; APPLICANT: ASADA, KIYOZO  
; APPLICANT: HINO, FUMITSUGU  
; APPLICANT: KATO, IKUNOSHIN  
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES  
; FILE REFERENCE: 1422-388P  
; CURRENT APPLICATION NUMBER: US/10/325,881  
; CURRENT FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US/09/377,497  
; PRIOR FILING DATE: 1999-08-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 58  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: any n or Xaa = unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-10-325-881-58

Query Match 1.1%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 7.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094  
| | | | | | | | | | | | | | | | | |  
Db 12 TAAAAAATAAAAA 1

RESULT 1300  
US-09-504-231A-1339  
; Sequence 1339, Application US/09504231A  
; Patent No. US20020013456A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1339  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1339

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 7.8e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 148 CTCGAGCTCCAT 159  
| | | | | | | | | | | | | | | | | |  
Db 1 CUGCAGCUCCAU 12

RESULT 1301  
US-09-274-553D-1339  
; Sequence 1339, Application US/09274553D  
; Patent No. US2003008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1339  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1339

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 7.8e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 148 CTCGAGCTCCAT 159  
| | | | | | | | | | | | | | | | | |  
Db 1 CUGCAGCUCCAU 12

RESULT 1302

```

US-09-888-164-31/c
; Sequence 31, Application US/09888164
; Publication No. US20030119724A1
; GENERAL INFORMATION:
; APPLICANT: Is'O, Paul O.P.
; APPLICANT: Hangeland, Jon
; APPLICANT: Deamond, Scott
; APPLICANT: Roby, Clinton
; TITLE OF INVENTION: LIGANDS TO ENHANCE CELLULAR UPTAKE OF BIOMOLECULES
; FILE REFERENCE: 212241
; CURRENT APPLICATION NUMBER: US/09/888,164
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/282,455
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 08/755,062
; PRIOR FILING DATE: 1996-11-22
; PRIOR APPLICATION NUMBER: 60/007,480
; PRIOR FILING DATE: 1995-11-22
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA fragment non-complementary from Hepatitis B virus
US-09-888-164-31

Query Match      1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      492 GATCTAATTGGA 503
Db      12 GATCTAATTGGA 1

RESULT 1303
US-10-385-450-18/c
; Sequence 18, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE B124, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-18

Query Match      1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1084 AAAAAAAAAAAA 1095
Db      12 AAAAAAAAAAAA 1

RESULT 1304
US-10-385-450-18/c
; Sequence 18, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE B124, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-18

Query Match      1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1084 AAAAAAAAAAAA 1095
Db      12 AAAAAAAAAAAA 1

RESULT 1304
US-10-385-450-21/c
; Sequence 21, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE B124, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-21

Query Match      1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1084 AAAAAAAAAAAA 1095
Db      12 AAAAAAAAAAAA 1

RESULT 1305
US-10-091-281-442/c
; Sequence 442, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 442
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative RREB/RREB1.01 motif
US-10-091-281-442

Query Match      1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      958 TGGGCAGGGTGG 969
Db      14 TGGGCAGGGTGG 3

RESULT 1306
US-10-103-614A-1/c
; Sequence 1, Application US/10103614A
; Publication No. US20030059796A1
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE

```

; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103.614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-1

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1095  
Db 12 AAAAAAAAAAAAAA 1

## RESULT 1307

US-10-103-614A-3/c  
; Sequence 3, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-MAHMOOD

; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES

; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103.614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-3

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1095  
Db 12 AAAAAAAAAAAAAA 1

## RESULT 1308

US-09-504-231A-439/c  
; Sequence 439, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504.231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274.553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257.608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100.842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083.217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 439  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-439

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTT 722  
Db 15 ATAGCCAAATTT 4

## RESULT 1309

US-09-504-231A-441/c  
; Sequence 441, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504.231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274.553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257.608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100.842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083.217  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-441

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719  
Db 12 CCCATAGCCAAA 1

```

RESULT 1310
US-09-504-231A-1246/c
; Sequence 1246, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1246
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1246

Query Match 1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 772 TCGAGAAGAAGT 783
Db 12 TCGAGAAGAAGT 1

RESULT 1311
US-09-274-553D-439/c
; Sequence 439, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 439
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-439

Query Match 1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 772 TCGAGAAGAAGT 783
Db 12 TCGAGAAGAAGT 1

RESULT 1312
US-09-274-553D-441/c
; Sequence 441, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 441
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-441

Query Match 1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 708 CCCATAGCCAAA 719
Db 12 CCCATAGCCAAA 1

RESULT 1313
US-09-274-553D-1246/c
; Sequence 1246, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1246
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1246
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```
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1246

Query Match      1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 772 TGGAGAAGAAGT 783
Db 12 TGGAGAAGAAGT 1

RESULT 1314
US-10-297-068-26
; Sequence 26, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-26

Query Match      1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAAG 782
Db 1 CTGGAGAAGAAG 12

RESULT 1315
US-10-356-625-4
; Sequence 4, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
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; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-4

Query Match      1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 ACACAGCCCCC 857
Db 4 ACACAGCCCCC 15

RESULT 1316
US-10-056-414-350
; Sequence 350, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 350:
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US-10-056-414-350

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 8.3e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGC 414  
DB 1 CCCUGCCAGC 12

RESULT 1317

US-10-010-802-182/c  
; Sequence 182, Application US/10010802  
; Publication No. US20030078220A1  
; GENERAL INFORMATION:  
; APPLICANT: Genesance Pharmaceuticals  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Duda, Amy  
; APPLICANT: Nardabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; APPLICANT: Windemuth, Andreas  
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
; FILE REFERENCE: 4 Receptor Alpha Gene  
; FILE REFERENCE: MMH-0002US2 IL4R alpha  
; CURRENT APPLICATION NUMBER: US/10/010,802  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: PCT/US00/19094  
; PRIOR FILING DATE: 2000-07-13  
; NUMBER OF SEQ ID NOS: 413  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 182  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-010-802-182

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 144 GGGGCTGCAGCT 155  
DB 13 GGGGCTGCAGCT 2

RESULT 1318

US-09-829-855-168  
; Sequence 168, Application US/09829855  
; Patent No. US20020065609A1  
; GENERAL INFORMATION:  
; APPLICANT: Mathew, Ashby N.  
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
; FILE REFERENCE: ASHBY-1  
; CURRENT APPLICATION NUMBER: US/09/829,855  
; CURRENT FILING DATE: 2001-04-10  
; PRIOR APPLICATION NUMBER: US 60/196063  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/196258  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 244  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 168  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Gluconobacter asaii  
US-09-829-855-168

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1050 CTCAGTCTCGAA 1061  
DB 2 CTCAGTCTCGAA 13

RESULT 1319

US-09-918-686-29/c  
; Sequence 29, Application US/09918686  
; Patent No. US20020076720A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Proll, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Stehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515  
; CURRENT APPLICATION NUMBER: US/09/918,686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 29  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-29

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGC 414  
DB 13 CCCTGCTCCAGC 2

RESULT 1320

US-09-811-093-23/c  
; Sequence 23, Application US/09811093  
; Patent No. US20020133850A1  
; GENERAL INFORMATION:  
; APPLICANT: Clendennen, Stephanie K.  
; APPLICANT: Kellogg, Jill A.  
; TITLE OF INVENTION: MELON PROMOTERS FOR EXPRESSION OF  
; TITLE OF INVENTION: TRANSGENES IN PLANTS  
; FILE REFERENCE: 4257-0025.30  
; CURRENT APPLICATION NUMBER: US/09/811,093  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: US 60/190,414  
; PRIOR FILING DATE: 2000-03-17  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 23  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-811-093-23

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094  
DB 16 TAAAAAATAAAAA 5

RESULT 1321

US-10-353-150-29/c



; Sequence 29, Application US/10353150  
; Publication No. US20030157543A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Proll, Sean  
; APPLICANT: Baepfer, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515C1  
; CURRENT APPLICATION NUMBER: US/10353.150  
; CURRENT FILING DATE: 2003-01-27  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 29  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-353-150-29

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGC 414  
DB 13 CCTGCTCCAGC 2

RESULT 1322  
US-10-174-794-1/c  
; Sequence 1, Application US/10174794  
; Publication No. US20030166220A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Southern California  
; TITLE OF INVENTION: CDNA, GENOMIC, AND PREDICTED PROTEIN  
; TITLE OF INVENTION: SEQUENCES OF LEARNING-INDUCED KINASES  
; FILE REFERENCE: 13761-707  
; CURRENT APPLICATION NUMBER: US/10174.794  
; CURRENT FILING DATE: 2002-06-18  
; PRIOR APPLICATION NUMBER: US/09/411,628  
; PRIOR FILING DATE: 1999-10-01  
; PRIOR APPLICATION NUMBER: US 60/102,906  
; PRIOR FILING DATE: 1998-10-02  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Anchored primer  
US-10-174-794-1

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
DB 16 TAAAAAATAAAA 5

RESULT 1323  
US-10-103-076-12/c  
; Sequence 12, Application US/10103076  
; Publication No. US20030181351A1  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Eminy Hsiao-Yuan  
; APPLICANT: Tsai, Kuen-Jer  
; TITLE OF INVENTION: SPATIAL LEARNING AND MEMORY

; FILE REFERENCE: 08919-078001  
; CURRENT APPLICATION NUMBER: US/10/103.076  
; CURRENT FILING DATE: 2002-03-21  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-103-076-12

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
DB 16 TAAAAAATAAAA 5

RESULT 1324  
US-10-431-304-16/c  
; Sequence 16, Application US/10431304  
; Publication No. US20030182690A1  
; GENERAL INFORMATION:  
; APPLICANT: Ciendennen, Stephanie K.  
; APPLICANT: Kellogg, Jill A.  
; APPLICANT: Phan, Chau B.  
; APPLICANT: Mathews, Helena V.  
; APPLICANT: Webb, Nancy M.  
; TITLE OF INVENTION: Banana and Melon Promoters for  
; TITLE OF INVENTION: Expression of Transgenes in Plants  
; FILE REFERENCE: 4257-0019.30  
; CURRENT APPLICATION NUMBER: US/10/431.304  
; CURRENT FILING DATE: 2003-05-06  
; PRIOR APPLICATION NUMBER: US/09/527,972  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/125,310  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-19  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-10-431-304-16

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
DB 16 TAAAAAATAAAA 5

RESULT 1325  
US-09-864-785-1569  
; Sequence 1569, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
; TITLE OF INVENTION: Levels of NF-kappa B  
; FILE REFERENCE: 400/022 (MEH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785



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RESULT 1328
US-09-866-108-7672
; Sequence 7672, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7672
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7672

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAG 782
Db 2 CTGGAGAGAG 13

RESULT 1329
US-09-866-108-7673
; Sequence 7673, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7673
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7673

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAG 782
Db 1 CTGGAGAGAG 12

RESULT 1330
US-09-866-108-7790/c
; Sequence 7790, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

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; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7790
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7790

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 17 TGCTGAAGCTGG 6

RESULT 1331
US-09-866-108-7791/c
; Sequence 7791, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7791

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 16 TGCTGAAGCTGG 5

RESULT 1332
US-09-148-234-1
; Sequence 1, Application US/09148234
; Patent No. US20020102728A1
; GENERAL INFORMATION:
; APPLICANT: Moutsatsos, Ioannis
; APPLICANT: Gazit, Dan
; APPLICANT: Zilberman, Yoram
; APPLICANT: Turgeman, Gad
; TITLE OF INVENTION: Genetically Engineered Cells Which Express Bone
; FILE REFERENCE: 314-002
; CURRENT APPLICATION NUMBER: US/09/148,234
; CURRENT FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: 60/057,989
; EARLIER FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide based on mouse bone morphogenesis
; OTHER INFORMATION: protein 2 sequence
US-09-148-234-1

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 TCCAGGCCCTCT 221
Db 3 TCCAGGCCCTCT 14

RESULT 1333
US-09-880-732-52/c
; Sequence 52, Application US/09880732

Patent No. US20020127561A1  
; GENERAL INFORMATION:  
; APPLICANT: GENICON SCIENCES CORPORATION  
; APPLICANT: BEE, Gary  
; APPLICANT: KORNE, David E.  
; APPLICANT: KORNE, Linda  
; APPLICANT: PETERSON, Todd  
; APPLICANT: YGUERABIDE, Juan  
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE  
; CURRENT APPLICATION NUMBER: US/09/880,732  
; CURRENT FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US 60/210,988  
; PRIOR FILING DATE: 2000-06-12  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 52  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection  
US-09-880-732-52

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 12 CCTGTCTCCAGC 1

RESULT 1334  
US-09-864-785-346  
; Sequence 346, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 346  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-346

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 6 CCCUGCUCACG 17

RESULT 1335  
US-09-864-785-347  
; Sequence 347, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 347  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-347

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 3 CCCUGCUCACG 14

RESULT 1336  
US-09-864-785-348  
; Sequence 348, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 348  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-348

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 1 CCCUGCUCACG 12

RESULT 1337  
US-09-912-014-22/c  
; Sequence 22, Application US/09912014  
; Publication No. US2003005929A1  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; and Tu, Eugene  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
; MICROELECTRONIC SYSTEMS AND DEVICES FOR  
; MOLECULAR BIOLOGICAL ANALYSIS AND  
; DIAGNOSTICS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon

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STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-912-014-22
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 771 CTGGAGAGAG 782
Db 17 CTGGAGAGAG 6
RESULT 1338
US-09-930-423-283
; Sequence 283, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 283
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-283
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1081 ATTAATAAAAAA 1092
Db 6 AUAATAAAAAA 17
RESULT 1339
US-09-930-423-454
; Sequence 454, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 454
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-454
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 421 TCCGGCTGCCCC 432
Db 2 UCCGGCUGCCCC 13
RESULT 1341
US-09-930-423-1195
; Sequence 1195, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1195
; LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-930-423-1195

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432
Db 5 UCCGGCUGCCCC 16

RESULT 1342
US-09-930-423-1524
; Sequence 1524, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-930-423-1524

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432
Db 6 UCCGGCUGCCCC 17

RESULT 1343
US-09-780-164-37
; Sequence 37, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-37

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150
Db 6 CUUUGGGGGCUG 17
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RESULT 1344
US-09-780-164-506
; Sequence 506, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 506
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-506

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 9.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 469 TCCAGGAAGCTTG 480
Db 6 UCCAGGACUUG 17

RESULT 1345
US-09-780-164-764
; Sequence 764, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-764

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150
Db 1 CUUUGGGGGCUG 12

RESULT 1346
US-09-780-164-978
; Sequence 978, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
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US-09-780-164-978

US-7809-164-981  
; Sequence 981, Application US/09780164  
; Publication No. US2003092846A1  
; GENE INFORMATION:  
; APPLICANT: RhoPharm Pharmaceuticals, Inc.  
; APPLICANT: Relative Lary,  
; APPLICANT: MCSwigen Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010

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; APPLICANT: RIBOZYME PHARM
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method

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RESULT 1347  
US-09-780-164-979  
; Sequence 979, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-981

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SECRET

US-09-780-164-1021  
; Sequence 1021, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:

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; APPLICANT: Kibozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

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RESULT 1348  
US-09-780-164-980  
; Sequence 980, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164:1021

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Qy 469 TCCAGGAAC TTG 480  
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Db 5 UCCAGGAAC TTG 16

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US-09-780-164-980

RESULT 1351  
US-09-780-164-1022



; Sequence 1022, Application US/09780164  
; Publication No. US20030092846A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1022  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-1022

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 469 TCCAGGAACCTG 480  
Db 4 UCCAGGAACUUG 15  
:|||||:|:

RESULT 1352  
US-09-827-395A-358  
; Sequence 358, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 358  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-358

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 3 CUGGGCCUGGCU 14  
:|||||:|:

RESULT 1353  
US-09-827-395A-359  
; Sequence 359, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor

; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 359  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-359

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 2 CUGGGCCUGGCU 13  
:|||||:|:

RESULT 1354  
US-09-827-395A-689  
; Sequence 689, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 689  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-689

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 5 CUGGGCCUGGCU 16  
:|||||:|:

RESULT 1355  
US-09-827-395A-931  
; Sequence 931, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 931  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-931

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCTGGCT 1037  
DB 6 CUGGCCUGGCU 17  
|:|||||:|

RESULT 1356  
US-09-827-395A-932  
; Sequence 932, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEHB00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 932  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-932

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCTGGCT 1037  
DB 1 CUGGCCUGGCU 12  
|:|||||:|

RESULT 1357  
US-09-827-395A-932  
; Sequence 932, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 932  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-932

; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-798

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805  
DB 6 ACUGCAGGACUG 17  
|:|||||:|

RESULT 1358  
US-09-740-332-799  
; Sequence 799, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel.  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 799  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-799

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805  
DB 1 ACUGCAGGACUG 12  
|:|||||:|

RESULT 1359  
US-09-740-332-1527/c  
; Sequence 1527, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel.  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1527  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1527

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGAGA 1011  
|:|||||:|

Query Match 1.1%; Score 12; DB 1; Length 17;

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; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2998
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2998

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 9.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1026 CTGGGCTGGCT 1037
Db 5 CUGGGCCUGGCU 16

RESULT 1368
US-10-238-700-3213/c
; Sequence 3213, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3213

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 517 TGGCATTGGGA 528
Db 14 TGGCATTGGGA 3

RESULT 1369
US-10-238-700-3214/c
; Sequence 3214, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
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; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1195

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGTGCCCC 432
Db 5 UCCGGGUGCCCC 16

RESULT 1366
US-09-745-237A-1524
; Sequence 1524, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1524

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGTGCCCC 432
Db 6 UCCGGGUGCCCC 17

RESULT 1367
US-10-238-700-2998
; Sequence 2998, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3214

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 517 TGCATTGGGA 528
Db 12 TGCATTGGGA 1

RESULT 1370
US-10-371-066-22/c
; Sequence 22, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/371.066
; FILING DATE: 21-Feb-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/146.504
; FILING DATE: No. US20030162214A1ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-371-066-22

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGAGAGAAG 782
Db 17 CTGAGAGAAG 6

RESULT 1371
```

```
US-10-339-782-449
; Sequence 449, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 449
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-449

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 196 TCAGTTCTCTGG 207
Db 5 TCAGTTCTCTGG 16

RESULT 1372
US-09-817-879-798
; Sequence 798, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 798
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-798

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805
Db 6 ACUGCAGGACUG 17

RESULT 1373
US-09-817-879-799
; Sequence 799, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 799  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-799

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGAGGACTG 805  
||:|||||:  
Db 1 ACUGCAGGACUG 12

## RESULT 1374

US-09-817-879-1527/c  
; Sequence 1527, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEH800-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1527  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-1527

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGGAGA 1011  
|||||||:  
Db 14 TGAGGCTGGAGA 3

## RESULT 1375

US-09-817-879-3028  
; Sequence 3028, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEH800-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3028  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3028

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGGAGA 1011  
|||||||:  
Db 5 UGAGGCTGGAGA 16

## RESULT 1376

US-09-817-879-3757/c  
; Sequence 3757, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEH800-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3757  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3757

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGAGGACTG 805  
|||||||:  
Db 13 ACTGAGGACTG 2

## RESULT 1377

US-10-294-203-38/c  
; Sequence 38, Application US/10294203  
; Publication No. US20030170680A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehner, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers Containing Modified Pyrimidines  
; FILE REFERENCE: GLIS0155  
; CURRENT APPLICATION NUMBER: US/10/294,203  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: 09/599,738  
; PRIOR FILING DATE: 1996-02-12  
; PRIOR APPLICATION NUMBER: 10/024,818  
; PRIOR FILING DATE: 2001-12-18  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 38  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
; NAME/KEY: misc\_feature  
; LOCATION: (4)..(4)

; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (9)-(9)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (11)-(12)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
US-10-294-203-38

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100  
| | | | | | | | | | | | | | | | | | | |  
DB 17 AAAAAAAAAAAAAA 1

RESULT 1378  
US-10-368-643-7/c  
; Sequence 7, Application US/10368643  
; Publication No. US20030170708A1  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Curran, Mark E.  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE  
; FILE REFERENCE: 2323-153  
; CURRENT APPLICATION NUMBER: US/10/368,643  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 09/597,731  
; PRIOR FILING DATE: 2000-06-19  
; PRIOR APPLICATION NUMBER: US 09/135,010  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: US 60/094,477  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: US 08/921,068  
; PRIOR FILING DATE: 1997-08-29  
; PRIOR APPLICATION NUMBER: US 08/739,383  
; PRIOR FILING DATE: 1996-10-29  
; PRIOR APPLICATION NUMBER: US 60/019,014  
; PRIOR FILING DATE: 1995-12-22  
; NUMBER OF SEQ ID NOS: 116  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-368-643-7

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496  
| | | | | | | | | | | | | | | | | | | |  
DB 13 TCCTCAGGATCT 2

RESULT 1379  
US-10-339-793-20/c  
; Sequence 20, Application US/10339793  
; Publication No. US20030180764A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Shang, Jin  
; APPLICANT: Bowen, Benjamin

; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS  
; FILE REFERENCE: 37-000310US  
; CURRENT APPLICATION NUMBER: US/10/339,793  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 443  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 20  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-793-20

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 CCCACTGGTCAT 866  
| | | | | | | | | | | | | | | | | | | |  
DB 13 CCCACTGGTCAT 2

RESULT 1380  
US-10-338-777-262/c  
; Sequence 262, Application US/10338777  
; Publication No. US20030188343A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: United States Department of Agriculture  
; APPLICANT: Bowen, Benjamin A  
; APPLICANT: Haudenschield, Christian D  
; APPLICANT: Buckler, Edward S  
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants  
; FILE REFERENCE: 37-000510US  
; CURRENT APPLICATION NUMBER: US/10/338,777  
; CURRENT FILING DATE: 2003-01-07  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 262  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Arabidopsis thaliana  
US-10-338-777-262

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAA 1095  
| | | | | | | | | | | | | | | | | | | |  
DB 17 AAAAAAAAAAAA 6

RESULT 1381  
US-10-170-172-22/c  
; Sequence 22, Application US/10170172  
; Publication No. US20030190632A1  
; GENERAL INFORMATION:  
; APPLICANT: SCOSNOWSKI, RONALD G  
; APPLICANT: BUTLER, WILLIAM F  
; APPLICANT: TU, EUGENE  
; APPLICANT: NERENBERG, MICHAEL I  
; APPLICANT: HELLER, MICHAEL J  
; APPLICANT: EDMAN, CARL F  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC  
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,  
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL  
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS  
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194  
; CURRENT APPLICATION NUMBER: US/10/170,172  
; CURRENT FILING DATE: 2002-06-11  
; PRIOR APPLICATION NUMBER: US/08/986,065  
; PRIOR FILING DATE: 1997-12-05  
; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 22

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Human

US-10-170-172-22

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGGAG 782

Db 17 CTGGAGAGGAG 6

RESULT 1382

US-10-094-183-18/c

; Sequence 18, Application US/10094183

; Publication No. US20020168631A1

; GENERAL INFORMATION:

; APPLICANT: Welgene, Inc.

; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library

; FILE REFERENCE: 57354.00003

; CURRENT APPLICATION NUMBER: US/10/094,183

; CURRENT FILING DATE: 2002-03-08

; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 18

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Artificial Sequence: Synthetic Primer

US-10-094-183-18

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095

Db 17 AAAAAAAAAAAAA 6

RESULT 1383

US-10-041-856-37/c

; Sequence 37, Application US/10041856

; Publication No. US20020169299A1

; GENERAL INFORMATION:

; APPLICANT: SLAUGENHAUPT, SUSAN

; APPLICANT: GUSELLA, JAMES F.

; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL

; FILE REFERENCE: 1829-4004US1

; CURRENT APPLICATION NUMBER: US/10/041,856

; CURRENT FILING DATE: 2002-07-08

; PRIOR APPLICATION NUMBER: 60/260,080

; PRIOR FILING DATE: 2001-01-06

; NUMBER OF SEQ ID NOS: 88

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 37

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Mus sp.

US-10-041-856-37

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 TGAAGACAGC 923

|||||

Db 14 TGAAGACAGC 3

RESULT 1384

US-10-138-316-7/c

; Sequence 7, Application US/10138316

; Publication No. US20030054380A1

; GENERAL INFORMATION:

; APPLICANT: Keating, Mark T.

; APPLICANT: Sanguinetti, Michael C.

; APPLICANT: Splawski, Igor

; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH

; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING

; TITLE OF INVENTION: KCNE1 AS AN LQT GENE

; FILE REFERENCE: 2323-162

; CURRENT APPLICATION NUMBER: US/10/138,316

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: 09/444,295

; PRIOR FILING DATE: 1999-11-22

; PRIOR APPLICATION NUMBER: 09/135,020

; PRIOR FILING DATE: 1998-08-17

; PRIOR APPLICATION NUMBER: 08/921,068

; PRIOR FILING DATE: 1997-08-29

; PRIOR APPLICATION NUMBER: 08/739,383

; PRIOR FILING DATE: 1996-10-29

; PRIOR APPLICATION NUMBER: 60/019,014

; PRIOR FILING DATE: 1995-12-22

; PRIOR APPLICATION NUMBER: 60/094,477

; PRIOR FILING DATE: 1998-07-29

; NUMBER OF SEQ ID NOS: 114

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 7

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-138-316-7

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496

|||||

Db 13 TCCTCAGGATCT 2

RESULT 1385

US-10-024-818-38/c

; Sequence 38, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehner, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer

; TITLE OF INVENTION: Containing Modified Pyrimidines

; FILE REFERENCE: GLIS0143

; CURRENT APPLICATION NUMBER: US/10/024,818

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 38

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

; FEATURE:



; NAME/KEY: misc feature  
; LOCATION: (4)-(4)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (8)-(9)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (11)-(12)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
US-10-024-818-38

Query Match  
Best Local Similarity 1.1%; Score 12; DB 1; Length 17;  
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100  
DB 17 AAAAAAAAAAAAAA 1

RESULT 1386  
US-10-060-998-593/c  
; Sequence 593, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 593  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-593

Query Match  
Best Local Similarity 1.1%; Score 12; DB 1; Length 17;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
DB 17 AGGAGATGGCAG 6

RESULT 1387  
US-10-060-998-594/c  
; Sequence 594, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 594  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-594

Query Match  
Best Local Similarity 1.1%; Score 12; DB 1; Length 17;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
DB 16 AGGAGATGGCAG 5

RESULT 1388  
US-10-060-998-595/c  
; Sequence 595, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 595  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-595

Query Match  
Best Local Similarity 1.1%; Score 12; DB 1; Length 17;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
DB 15 AGGAGATGGCAG 4

RESULT 1389  
US-10-060-998-596/c  
; Sequence 596, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 596  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-596

Query Match  
1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 9.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 14 AGGAGATGGCAG 3

RESULT 1390  
US-10-060-998-597/c  
; Sequence 597, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 597  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-597

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 13 AGGAGATGGCAG 2

RESULT 1391  
US-10-060-998-598/c  
; Sequence 598, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 598  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-598

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 12 AGGAGATGGCAG 1

RESULT 1392  
US-10-156-306-528/c  
; Sequence 528, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 528  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-528

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAA 1093  
| | | | | | | | | |  
Db 12 TTAATAAAAAAAAA 1

RESULT 1393  
US-10-156-306-631  
; Sequence 631, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 631  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-631

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1081 ATTAATAAAAAAAAA 1092  
| | | | | | | | | |  
Db 6 ATTAATAAAAAAAAA 17

RESULT 1394  
US-10-156-306-4969  
; Sequence 4969, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0

```
; SEQ ID NO 4969
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4969

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 9.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 407 GCTCAGCAGGC 418
||:|||||
Db 1 GCUCAGCAGGC 12

RESULT 1395
US-09-998-936-1/c
; Sequence 1, Application US/09998936
; Patent No. US20020125214A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Park, So-Jung
; APPLICANT: Rongchao, Jin
; TITLE OF INVENTION: SILVER STAIN REMOVAL BY CHEMICAL ETCHING AND SONICATION
; FILE REFERENCE: 00-1124-A
; CURRENT APPLICATION NUMBER: US/09/998,936
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/251,715
; PRIOR FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-998-936-1

Query Match      1.1%; Score 12; DB 1; Length 22;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 936 TTTTCTTTTATGAGTCACA 955
|||:|||||
Db 20 TTTTCTTTTACGAGTTGAGA 1

Search completed: January 8, 2004, 16:19:35
Job time : 39 secs
```